

Agenda Item H-3. Asset Inventory and Assessment Applications: Project Descriptions (Updated Feb 19)

Blue rows = proposed full or partial funding in the scenario [preliminary]

Application Number	Proposed Funding in Scenario?	Instance ID	Applicant Name	County	Designated Distressed?	Residential Connections	Project Type	Project Name	Project Description	Additional Info. Added?	Total Project Cost	Funding Requested	Points Verified	Notes
1	Yes	162608	Goldsboro, City of	Wayne	Yes	10,261	AIA-Wastewater	Goldsboro Wastewater System Masterplan	The proposed project consists of: (1) development of an asset inventory for the WWTP; (2) assessment of WWTP assets; (3) development of scenarios to support regional conveyance to the WWTP; (4) development of opinions of cost for the regional conveyance projects; (5) development of modeling scenarios at WWTP to evaluate regional flows; (6) development opinions of cost for regional WWTP projects; and (7) documentation of all of the above as a regional master plan.	No	\$ 350,000	\$350,000	23	
2	Yes	162566	Lilesville, Town of	Anson	Yes	364	AIA-Drinking Water	2023 Lilesville Water AIA Project	The proposed project consists of (1) development of a GIS map (including purchase of a GIS/GPS hardware & software); (2) assessment of water system attributes; (3) development of an asset management plan; and (4) update of the existing CIP.	Yes	\$ 150,000	\$150,000	19	
3	Yes	162805	Northern Cumberland Regional Sewer System (NORCRESS) District	Cumberland	No	379	AIA-Wastewater	Asset Management & Financial Plan	The proposed project will consist of preparing an asset management and financial plan.	No	\$ 400,000	\$400,000	19	
4	Yes	162813	Green Level, Town of	Alamance	Yes	855	AIA-Wastewater	Green Level Sewer AIA	The proposed project consists of (1) creating GIS maps of the sewer system; (2) creating a database of assets; (3) assessing existing and future needs; (4) developing both a CIP and AMP; and (5) a rate study.	Yes	\$ 150,000	\$150,000	18	
5	Yes	162580	Bladenboro, Town of	Bladen	Yes	945	AIA-Wastewater	Wastewater Asset Inventory & Assessment	The proposed project will consist of (1) asset management plan; (2) capital improvement plan; (3) wastewater collection system mapping update; (4) manhole, lift station, line/outfall, WWTP inspections; (5) operation & maintenance report; (6) evaluation of wastewater flows/I&I/Rainfall-flow monitoring; and (7) digital scanning of all existing plans & record drawings. One of the goals of this AIA is to prepare Bladenboro to send their flow to Elizabethtown.	Yes	\$ 157,500	\$150,000	18	
6	Yes	162737	Godwin, Town of	Cumberland	Yes	113	AIA-Drinking Water	Water Asset Inventory and Assessment	Seeks funding to develop AMP: Field survey and update Inventory and mapping, water modeling, CIP and AMP, rate study.	Yes	\$ 150,000	\$150,000	18	
7	Yes	162755	Lilesville, Town of	Anson	Yes	186	AIA-Wastewater	Sewer System Asset Management Plan	The proposed project consists of (1) inventory/inspection/assessment of collection lines, force mains, and lift stations; (2) mapping of assets and an asset database; (3) developing an asset registry; and (4) an AMP with a CIP.	No	\$ 157,500	\$150,000	18	
8	Yes	162430	Princeton, Town of	Johnston	Yes	531	AIA-Wastewater	Sewer System Asset Inventory Assessment	The proposed project will consist of (1) GPS location of all manholes owned and operated by the Town; (2) analysis of the collection system records; (3) development of an AMP, CIP; (4) development of a rate study; and (5) development of an inventory assessment report.	No	\$ 150,000	\$150,000	17	
9	Yes	161489	Stoneville, Town of	Rockingham	Yes	520	AIA-Wastewater	Stoneville Wastewater AIA	The proposed project will consist of (1) field inspections; (2) collection system mapping update; (3) evaluation of wastewater flows/I&I/rainfall data; (4) O&M report; (5) utilization of asset management software; (6) AMP; (7) CIP; and (8) utility rate study.	Yes	\$ 150,000	\$150,000	17	
10	Yes	162606	Dobson, Town of	Surry	No	440	AIA-Wastewater	Dobson Sewer AIA	Identify areas w/ excessive I/I, old infrastructure, and address capacity issues due to increase in sewer customers. Deliverables include GIS mapping, AMP, and rate study.	No	\$ 150,000	\$150,000	17	
11	Yes	162607	Dobson, Town of	Surry	No	835	AIA-Drinking Water	Dobson Water AIA	Develop GIS mapping, AMP, and perform rate study to address age and size of lines, hydraulic issues during fire flows, growing demands, and issues w/ existing Mount Airy interconnection.	No	\$ 150,000	\$150,000	17	
12	Yes	162467	Hertford County Southern Rural Water District	Hertford	No	2,237	AIA-Drinking Water	Water System Asset Inventory & Assessment	Assess problematic parts of distribution system, update and enhance GIS inventory and mapping system, and plan for future capital and maintenance projects. GIS updates include attribute and work order tracking and filling data gaps.	No	\$ 150,000	\$150,000	17	

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13	Yes	162765	Four Oaks, Town of	Johnston	No	1,425	AIA-Water	Four Oaks Water AIA Application	Plan and prioritize needed future investments - much of system dates to 1950s including elevated storage tank and approaching their useful life; Town is in a corridor of rapid growth and at or near capacity; In year 3 of 5-year rate study. Deliverables: asset inventory; asset condition assessment; GIS update, and Asset Management Plan.	Yes	\$ 150,000	\$150,000	16	
14	Yes	162546	Spruce Pine, Town of	Mitchell	No	1,883	AIA-Drinking Water	Spruce Pine Water AIA	Perform gap analysis to confirm location of assets via GIS mapping, desktop condition assessment of all assets, update existing CIP, SUE to investigate known problem areas, hydraulic model, and evaluate condition of WTP and distrib sys to identify areas of water loss. Deliverables will be complete AMP, updated CIP based on condition assessments (currently CIP is based on assumptions), and GIS maps.	No	\$ 150,000	\$150,000	16	
15	Yes	162547	Spruce Pine, Town of	Mitchell	No	1,038	AIA-Wastewater	Spruce Pine Sewer AIA	Perform gap analysis to confirm location of assets via GIS mapping, desktop condition assessment of all assets, update existing CIP, assess areas of collection system that cause NOVs for SSOs, and pump station analysis and drawdown tests. Deliverables will be complete AMP, updated CIP based on condition assessments (currently CIP is based on assumptions), and GIS maps.	No	\$ 150,000	\$150,000	16	
16	Yes	161530	Gates County	Gates	Yes	4,629	AIA-Drinking Water	Gates County Water System AIA	The proposed project consists of (1) field location of all assets (apart from buried water mains); (2) hydraulic model for county; (3) inventory assessment; and (4) asset management plan.	No	\$ 383,000	\$383,000	16	
17	Yes	108229	Conover, City of	Catawba	No	5,321	AIA-Drinking Water	Water AIA	Address existing data gaps by creating new water model, update GIS mapping and begin addressing areas with unmaintained ROWs, and complete an updated CIP and AMP; also perform rate study and training.	Yes	\$ 400,000	\$400,000	16	
18	Yes	162469	Lake Lure, Town of	Rutherford	Yes	427	AIA-Drinking Water	Lake Lure Water AIA Project	Collection of all assets associated with water distribution system; field work including GIS mapping to collect locations and conditions of all assets; water distribution system will be modeled and condition assessment.	No	\$ 150,000	\$150,000	16	
19	Yes	106309	Broadway, Town of	Lee	No	696	AIA-Drinking Water	Water Sys AIA to Support Regionalization	Sanford provides 100% water supply. Project includes SUE investigation/GPS location of assets, plan/record drawing scanning, GIS attribute population and data connectivity, water audit, service line inventory, AMP dev including risk-based prioritization, CIP dev, life-cycle modeling, rate study, and training.	Yes	\$ 400,000	\$400,000	16	Also applying for WW AIA. If only one awarded, they want to split that project evenly between WW and DW.
20	Yes	162820	Green Level, Town of	Alamance	Yes	855	AIA-Drinking Water	Green Level Water AIA	The proposed project consists of (1) creating GIS maps of the water system; (2) creating a database of assets; (3) assessing existing and future needs; (4) developing both a CIP and AMP; and (5) assess the need for a rate study. Purchase all water from City of Graham. Rate Study \$22,500.	Yes	\$ 150,000	\$150,000	16	
21	Yes	161535	Gates County	Gates	Yes	70	AIA-Wastewater	Gates County Wastewater System AIA	The proposed project consists of (1) land application & subsurface evaluation; (2) AIA field survey and GIS map; (3) asset assessment only with field survey work; and (4) AMP seer additions to water AMP.	No	\$ 250,000	\$250,000	15	
22	Yes	108169	Conover, City of	Catawba	No	3,311	AIA-Wastewater	Sewer AIA	Address existing data gaps by creating new sewer model, update GIS mapping and begin addressing areas with unmaintained ROWs, and complete an updated CIP and AMP; also perform rate study and training.	Yes	\$ 400,000	\$400,000	15	
23	Yes	162479	Hertford County Northern Rural Water District	Hertford	No	936	AIA-Drinking Water	Water System Asset Inventory & Assessmen	Update inventory and enhance GIS, enhancements include, tracking of NOVs, hydrant flow, MMS data, water quality tracking.	No	\$ 150,000	\$150,000	15	

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24	Yes	162532	Warren County	Warren	No	115	AIA-Wastewater	Wastewater AIA	Project will map and update GIS, prepare hydraulic model of system's pressure components, perform criticality assessment and condition assessment of critical assets, prepare capital and O&M cost estimates, prioritize projects, update 5-year CIP, and develop an AMP.	No	\$ 165,000	\$150,000	15	
25	Yes	161392	Saratoga, Town of	Wilson	Yes	280	AIA-Drinking Water	Water System AIA	Develop comprehensive AMP. Project activities will include: water system rate evaluation; short/long range water evaluation report; GIS Inventory/inspection of water system assets; AMP/Capital Cost Analysis/Operating Cost Analysis; e-formatting of available mapping of water distribution system in ArcReader and files will be shared with Wilson County Planning/GIS dept. storage/maintenance. Completed AMP and CIP will serve as a planning tool, includes maintenance log database. Partnership with Wilson Co. will allow GIS data to be maintained. Rate Evaluation and Report = \$20,000.	Yes	\$ 150,000	\$150,000	15	
26	Yes	161397	Saratoga, Town of	Wilson	Yes	217	AIA-Wastewater	Sanitary Sewer AIA	Develop comprehensive AMP consistent. Project activities will include: water system rate evaluation; short/long range water evaluation report; GIS Inventory/inspection of water system assets; AMP/Capital Cost Analysis/Operating Cost Analysis; e-formatting of available mapping of water distribution system in ArcReader and files will be shared with Wilson County Planning/GIS dept. storage/maintenance. Completed AMP and CIP will serve as a planning tool, includes maintenance log database. Partnership with Wilson Co. will allow GIS data to be maintained. Rate Evaluation and Report = \$10,000.	Yes	\$ 150,000	\$150,000	15	
27	Yes	161491	Granite Falls, Town of	Caldwell	No	1,695	AIA-Wastewater	Wastewater Asset Inventory & Assessment	Verify existing map, size and material of assets, project future sewer flows based on developer requests in area #1. evaluate and develop options to replace inverted siphon in area #2. Evaluate flows in section #3 to determine if current rehabilitated 8" line is sufficient.	No	\$ 180,000	\$150,000	14	
28	Yes	162687	Greene County	Greene	Yes	4,130	AIA-Drinking Water	Greene County Water AIA	Develop AMP GIS inventory and inspection of system assets, electronic formatting maps/reports and assessments, production of electronic map in Arc READER, rate evaluation, short and long-term water evaluation report,, capital constr. analysis and O&M costs. AMP to include MMS data.	Yes	\$ 150,000	\$150,000	14	
29	Yes	162754	Four Oaks, Town of	Johnston	No	1,051	AIA-Wastewater	Four Oaks Sewer AIA	Plan and prioritize needed future investments - much of system dates to 1950s and approaching their useful life; In design phase for upgrades to 4 of 7 lift stations and would like to prioritize these in an AMP; Town is in a corridor of rapid growth and at or near capacity; in year 3 of 5-year rate study. Deliverables: asset inventory; asset condition assessment; GIS update, and Asset Management Plan.	Yes	\$ 150,000	\$150,000	14	
30	Yes	162440	Princeton, Town of	Johnston	Yes	650	AIA-Drinking Water	Water System Asset Inventory Assessment	The proposed project will consist of (1) GPS location of all valves, meters, and hydrants owned and operated by the Town; (2) analysis of the distribution system records; (3) development of an AMP, CIP; (4) development of a rate study; and (5) development of an inventory assessment report.	No	\$ 150,000	\$150,000	14	
31	Yes	161511	Lattimore, Town of	Cleveland	No	101	AIA-Wastewater	Sewer System AIA	The proposed project consists of (1) sewer system asset inventory and mapping; (2) sewer system model; (3) capital improvement plan and revenue analysis; and (4) sewer asset management plan.	Yes	\$ 165,000	\$150,000	14	
32	Yes	162413	Boonville, Town of	Yadkin	No	672	AIA-Drinking Water	Water System Asset Inventory Assessment	The proposed project will include (1) GPS location and mapping; (2) water modeling; (3) well analysis; (4) asset management plan; (5) capital improvement plan; and (6) rate study.	No	\$ 150,000	\$150,000	13	
33	Yes	161269	Norwood, Town of	Stanly	Yes	1,544	AIA-Drinking Water	Norwood Water AIA	Detailed inventory and assessment infrastructure including material, size, and age of lines, pump stations, and valves. Will include O&M plan and identify critical areas in need of repair, underserved areas, and areas not in compliance with current standards; inventory will include GIS mapping.	No	\$ 150,000	\$150,000	13	

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34	Yes	108071	Dunn, City of	Harnett	No	4,119	AIA-Drinking Water	Water System AIA	Build on 2017 AIA. 2017 focused on establishing GIS, valves, and treatment plant. Assess condition of water system by confirming line sizes/materials, update existing water model, and create plan to address lead/copper. Update AMP/CIP. Conduct rate study.	No	\$ 400,000	\$400,000	13	
35	Yes	162198	Tyrrell County	Tyrrell	No	1,432	AIA-Drinking Water	Tyrrell County Water System AIA	Project will inventory, map, conduct water audit, update hydraulic model, develop an O&M plan, create a CIP and an AMP, and conduct a rate study.	No	\$ 255,000	\$255,000	13	Uses last remaining ARPA study grant funds.
36	No Yes	162407	Boonville, Town of	Yadkin	No	480	AIA-Drinking Water	Sewer System Asset Inventory Assessment	The proposed project will include (1) manhole location/inspection; (2) pump station analysis; (3) asset management plan; (4) capital improvement plan; and (5) rate study.	No	\$ 150,000	\$150,000	12	
37	No Yes	161614	Snow Hill, Town of	Greene	Yes	783	AIA-Wastewater	Snow Hill AIA Sewer	Snow Hill has 17 miles GL, 394 MHs, 833 SCs, 7 LSs, 2.8 miles FM, and a 0.50 MGD WWTP. 47% of the system is over 50 years old. AIA scope includes adding new infrastructure (since last AIA) into existing GIS system and AMP development, all in budget, which also include Board and Staff training, which is not described elsewhere in the application. No rate study suggested in this application; however, their Water AIA app may include both DW and WW.	No	\$ 208,000	\$208,000	12	
38	No Yes	161607	Snow Hill, Town of	Greene	Yes	1,046	AIA-Drinking Water	Snow Hill AIA Water	Snow Hill has 25 miles mains, 473 gate valves, 128 hydrants, 2 elevated storage tanks, 4 wells, and 1,219 services. >80% of the system is over 50 years old. AIA scope includes adding new infrastructure (since last AIA) into existing GIS system and AMP development and rate study, all in budget, which also include Board and Staff training, which is not described elsewhere in the application.	No	\$ 253,000	\$253,000	12	Uses last remaining ARPA study grant funds.
39	No	108213	Elk Park, Town of	Avery	No	241	AIA-Wastewater	Fall 2022 Sewer AIA	The proposed project will (1) develop a new sewer model, (2) create/update GIS mapping, and (3) complete an update CIP and AMP.	Yes	\$ 400,000	\$400,000	11	
40	No	161116	Mount Holly, City of	Gaston	No	6,763	AIA-Wastewater	Wastewater Asset Inventory & Assessment	Update existing GIS, CCTV and smoke testing of collection mains to determine material, size and condition of mains as well as expose locations where I&I is occurring. Data used to develop a more comprehensive hydrolic model, aid in I&I analysis and be used as the basis for a Capacity Assurance Program.	No	\$ 150,000	\$150,000	10	
41	No	161138	Mount Holly, City of	Gaston	No	7,588	AIA-Drinking Water	Water Asset Inventory & Assessment	Update existing GIS, assessment of above ground assets, develop system model.	No	\$ 150,000	\$150,000	10	
42	No	162644	Alamance, Town of	Alamance	No	349	AIA-Wastewater	Sewer AIA	The proposed project consists of (1) mapping the collection system and updating the GIS; (2) conducting I/I studies, CCTV, manhole elevation determinations; and (3) evaluating pump stations.	Yes	\$ 200,000	\$200,000	9	
43	No	108079	Crossnore, Town of	Avery	No	67	AIA-Wastewater	Crossnore Sewer Asset Inventory and Assessment Grant	The proposed project will consist of (1) mapping system, (2) condition assessment, and (4) CIP.	No	\$ 100,000	\$100,000	8	
44	No	108129	Crossnore, Town of	Avery	No	67	AIA-Drinking Water	Crossnore Water Asset Inventory and Assessment Grant	The proposed project will consist of (1) mapping system, (2) hydraulic modeling and (3) condition assessment, and (4) CIP.	No	\$ 100,000	\$100,000	8	
45	No	162643	Alamance, Town of	Alamance	No	410	AIA-Drinking Water	Water AIA	The proposed project consists of (1) mapping the water system and updating the GIS; (2) evaluating the drinking water system; and (3) modeling water pressure and chlorine.	Yes	\$ 200,000	\$200,000	7	

Ineligible Applications

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INEL_1	No	162799	McDowell County	McDowell	Yes	365	AIA-Drinking Water	McDowell County Nebo Asset Inventory	Develop complete AMP, 10yr CIP, GIS database, risk-based condition assessment of all "water and/or wastewater assets", and other components as eligible for McDowell County's Nebo Drinking Water System.	No	\$150,000	\$150,000		Project is to inventory and assess a private utility. Resolution is for a "residential waterline extension project" and not an AIA.
INEL_2	No	106866	High Point, City of	Guilford/Davidson/Randolph/Forsyth	No			Compliance with LCRR	Project is for LCRR compliance.		\$400,000	\$400,000		Project is for LCRR compliance.