

Agenda Item H-5. Drinking Water - Emerging Contaminants Applications: Project Descriptions

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

Application Number	Proposed Funding in Scenario?	Reconsidered Appl. from Previous Round?	Instance ID	Applicant Name	County	Designated Distressed?	Residential Connections	New Connections in Project	Funding Request per New Connection	Project Type	Project Name	Project Description	Result of AIA or MRF?	Additional Info. Added?	Application Preparer	Total Project Cost	Funding Requested	Maximum Points Claimed by Applicant (may not apply for EC)	Emerging Contaminants Points Verified	Difference in Points Claimed and Verified
1	Yes		162810	Cumberland County	Cumberland	Yes	225	397	\$19,237	Construction	Gray's Creek Phase 1	Develop a public water system to serve Cumberland County drinking water to replace wells impacted by PFAS.	Yes		HDR Engineering, Inc. of the Carolinas	\$33,637,000	\$7,637,000	66	60	2.I. New system does not qualify. 3.E. Does not qualify.
2	Yes		162208	Neuse Regional Water and Sewer Authority	Lenoir		1,125	0		Construction	PFAS Treatment	Expand Pump station to provide capacity and pressure. Install GAC/IX tanks and media. Install Flanged piping and valves for piping changes in transfer pump station and for the GAC vessels.	No		NRWASA	\$31,142,000	\$31,142,000	83	60	2.B.1 Project earned 1.J.1 points. 2.D. Not eligible (PFAS project) . 3.D. No leak detection surveys provided. 4.C.3. provided 7 points
3	Yes		161890	Fayetteville Public Works Commission	Cumberland		85,421	0		Construction	PO Hoffer Glenville Lake GAC Construction	Design and construct new GAC Facilities at both the PO Hoffer and Glenville Lake WTPs in anticipation of tougher Federal PFAS regulations.	No		Fayetteville PWC	\$75,858,446	\$74,307,300	63	58	
4	No		162484	Fuquay-Varina, Town of	Wake		85,421	0		Construction	Sanford WFF - GAC Facility	GAC installation to remove PFAS.	No		Hazen and Sawyer	\$52,686,390	\$10,532,889	69	56	2.K.1. No interconnection 2.N.7. Project is adding GAC for removal of PFAS.
5	No		161609	Holly Springs, Town of	Wake		40,001	0		Construction	Sanford WFF Expansion – GAC Facility	Install GAC to remove PFAS.	No		Hazen and Sawyer	\$52,686,390	\$7,021,926	67	54	2.K.1. No interconnection 2.N.7. Insufficient Documentation
6	No		162716	Cape Fear Public Utility Authority	New Hanover		67,124	34	\$74,943	Construction	Alandale Area Water Extension - PFAS	Connect ~34 private wells with PFAS contamination	No		Cape Fear Public Utility Authority	\$2,548,075	\$2,548,075	57	54	
7	No		162692	Aqua North Carolina, Inc	Cumberland		451	0		Construction	Brookwood Community Ion Exchange Filters	Add ion exchange filters to 8 well site locations to treat for high levels of PFOS and PFOA.	Yes		Black & Veatch	\$5,795,400	\$5,795,400	52	52	3.B. Points awarded. 4.A.1. Based on PWSIDs system has >10,000 residential connections. 4.C.4. Insufficient budget
8	No		162544	Bald Head Island, Town of	Brunswick		2,227	0		Construction	BHI DW Construction-Emerging Contaminant	Add an activated carbon system to treat all streams of the RO drinking water system.	No		WithersRavene I	\$5,000,000	\$5,000,000	52	49	
9	No		162488	South Granville Water and Sewer Authority	Granville		3,448	0		Construction	Post-Filter PFAS Treatment Improvements	Post filter improvements to remove PFAS to include GAC/IX, pump station to send filtered water to pressure contactors, flow meter and electrical & instrumentation.	No		CDM Smith	\$22,210,000	\$22,210,000	75	47	2.B (not eligible (received 1.J.1.) 3.A.2. No adoption of CIP included.
10	No	X	139598	Cumberland County	Cumberland	Yes	5,487	771	\$23,960	Construction	Cedar Creek Phase I	Install ~208,000 ft of 2, 4, 6, 10, and 12" diameter pipe, booster pump, elevated storage tank, Install three test wells or five production wells a to address private connections contaminated with GenX.	Yes		HDR	\$49,759,000	\$18,473,000	68	45	No Rate sheet provided 2.I. Not eligible 3.B. narrative is not requesting points. No financials provided 3.E. Insufficient rate documentation 4.B. Insufficient rate documentation.
11	No		162718	Greensboro, City of	Guilford		4,631	0		Construction	Greensboro Mitchell ATEC	5 GAC feed pumps (booster pump station), 8 GAC contactor basins, 2 backwash pumps	No		HDR	\$55,674,000	\$55,674,000	53 / 50 EC	45	3.B - documentation inconsistent with the guidance.
12	Yes		162410	Neuse Regional Water and Sewer Authority	Lenoir		4,492	0		Study	PFAS Treatment Study	Study of PFAS treatment options post-GAC/IX filtration.	No		NRWASA	\$500,000	\$500,000	61	45	2.D. Not eligible (PFAS study projects). 2.I. Not eligible (PFAS study projects). 3.D. No leak detection surveys provided. 4.C.3. Earns 7 points when using 2023 ACS data.
13	Yes		162040	Fayetteville Public Works Commission	Cumberland		5,092	0		Study	PO Hoffer Glenville GAC Design	Design 14 GAC contactors at the PO Hoffer WTP, and 5 at the Glenville Lake WTP.	No		Fayetteville PWC	\$4,918,568	\$4,758,400	48	43	
14	No		162674	Greenville Utilities Commission	Pitt		1,503	0		Construction	GAC Filter Media Replacement	GAC media installation.	No		Greenville Utilities Commission	\$1,815,000	\$1,815,000	47	42	3.A.1. No CIP included. 3.B. Did not request. RO >1.
15	Yes		162592	Carthage, Town of	Moore		24,112	0		Study	PFAS Compliance Planning Study	Pilot testing to address PFAS issue.	No		LKC Engineering, PLLC	\$400,000	\$400,000	42	42	
16	Yes		162826	Martin County Regional Water and Sewer Authority	Martin		7,677	0		Study	PFAS Eval. & Assessment Study for WTP	Study to address PFAS in water supply. Complete evaluation & assessment to determine PFAS removal from water.	Yes		McAdams & Associates	\$500,000	\$500,000	51	41	2.D. Not eligible (PFAS study projects).

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17	No		162720	Cape Fear Public Utility Authority	New Hanover		3,226	10	\$67,170	Construction	Rockhill Area Water Extension - PFAS	Connect approx. 10 private wells with PFAS contamination	No		Cape Fear Public Utility Authority	\$671,700	\$671,700	52	39	3.A1 - Project not on CIP
18	No		162827	Piedmont Triad Regional Water Authority	Randolph		6,061	0		Construction	PFAS Construction RO Treatment Sys	Construct post filtration reverse osmosis treatment facility for the removal of PFAS, 1,4 Dioxane and other potential emerging compounds at the JFK WTP.	No		Piedmont Triad Regional Water Authority	\$74,646,250	\$74,646,250	37	37	
19	Yes		162449	Graham, City of	Alamance		1,310	0		Study	Drinking Water EC Study	PFAS Treatment Alternatives Evaluation.	No		Hazen and Sawyer	\$500,000	\$500,000	37	37	
20	Yes		161290	Norwood, Town of	Stanly	Yes	0	0		Study	Norwood PFAS Study Project	Study to upgrade treatment, interconnect with another non-contaminated supply, or a new water source.	Yes		Chambers Engineering PA	\$500,000	\$500,000	45	34	2.F.2. Project is a study. Option to partner not decided. 3.A.2. Project not included in CIP. 4.A. Not less than 1,000 customers.
21	Yes		162730	Siler City, Town of	Chatham		276	0		Study	PFOS Compliance Planning Study	Pilot testing and preliminary design for the removal of PFOS.	Yes		LKC Engineering, PLLC	\$400,000	\$400,000	43	33	3.A.1. CIP adoption is older than 2 years.
22	Yes		162041	South Granville Water and Sewer Authority	Granville		8,608	0		Study	Pilot Evaluation and Planning Study	Assessment and pilot testing of options for process treatment enhancements to treat for PFAS.	No		CDM Smith	\$500,000	\$500,000	40	32	3.A.2. No adoption of CIP
23	Yes		162760	Harnett County	Harnett		5,712	0		Study	Harnett Regional WTP PFAS Pilot Study	Study to evaluate current water quality and treatment history, define PFAS treatment requirements, assess treatment options, pilot testing and recommendations.	No		CDM Smith	\$500,000	\$500,000	39	29	2.1. Project does not install additional treatment. 3.A.2. CIP does not specifically list project. 4.C.4. Insufficient narrative of benefits to customers.
24	Yes		162609	Johnston County	Johnston		42,638	0		Study	TGB WTP PFAS Treatment Study	Conduct a study to identify the most effective way to reduce PFAS.	No		Johnston County Public Utilities	\$336,000	\$330,000	28	28	
25	Yes		162818	Rocky Point Topsail Water and Sewer District	Pender		0	0		Study	PFAS Treatment Alternatives Study	Determination of WTP's current condition and performance history, treatability gaps EC (including PFAS), options for process treatment enhancement, and WTP upgrade.	No		CDM Smith	\$400,000	\$400,000	38	27	2.1. Project will not install additional treatment. 3.D. No leak detection surveys provided. 4.A. Provided 2 points for # of residential water connections.
26	Yes		162411	Burlington, City of	Alamance		1,602	0		Study	City of Burlington EC Study	Perform a PFAS Treatment Alternatives Evaluation to address PFAS.	No		Hazen and Sawyer	\$500,000	\$500,000	25	25	
27	Yes		162703	Lumberton, City of	Robeson		66,595	0		Study	PFAS Study Water Treatment Plant	Study will analyze the most practical way to remove the PFAS chemicals from the water.	No		The Wooten Company	\$500,000	\$500,000	54	24	Provided 1J1 instead of 1J3 (Study project) 2.D. Not eligible (EC project)
28	Yes		162796	Piedmont Triad Regional Water Authority	Randolph		1,544	0		Study	PFAS Study- RO Treatment System	Evaluate performance of various different RO treatment strategies and manufacturers.	No		Piedmont Triad Regional Water Authority	\$500,000	\$500,000	27	22	3.B. OR less than 1.

Ineligible Applications

None