

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

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	Max. PF/Grant Eligibility Percentage	Points Claimed by Applicant (unadjusted for reconsid.)	Points Verified	Difference in Points Claimed and Verified
1	Yes		162810	Cumberland County	Cumberland	X	225	397	\$19,237		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	\$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			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	\$0	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			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	\$37,153,650	63	58	0
4	No		162484	Fuquay-Varina, Town of	Wake		85,421	0			Sanford WFF - GAC Facility	GAC installation to remove PFAS.	No		Hazen and Sawyer	\$ 52,686,390	\$10,532,889	\$0	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			Sanford WFF Expansion – GAC Facility	Install GAC to remove PFAS.	No		Hazen and Sawyer	\$ 52,686,390	\$7,021,926	\$0	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		Alandale Area Water Extension - PFAS	Connect ~34 private wells with PFAS contamination	No		Cape Fear Public Utility Authority	\$ 2,548,075	\$2,548,075	\$1,274,038	57	54	0
7	No		162692	Aqua North Carolina, Inc	Cumberland		451	0			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	\$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			BHI DW Construction-Emerging Contaminant	Add an activated carbon system to treat all streams of the RO drinking water system.	No		WlthersRavenel	\$ 5,000,000	\$5,000,000	\$0	52	49	
9	No		162488	South Granville Water and Sewer Authority	Granville		3,448	0			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	\$0	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	X	5,487	771	\$23,960		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	\$0	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			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	\$0	53 / 50 EC	45	3.B - documentation inconsistent with the guidance.
12	Yes		162410	Neuse Regional Water and Sewer Authority	Lenoir		4,492	0			PFAS Treatment Study	Study of PFAS treatment options post-GAC/IX filtration.	No		NRWASA	\$ 500,000	\$500,000	\$0	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			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	\$2,379,200	48	43	0
14	No		162674	Greenville Utilities Commission	Pitt		1,503	0			GAC Filter Media Replacement	GAC media installation.	No		Greenville Utilities Commission	\$ 1,815,000	\$1,815,000	\$0	47	42	3.A.1. No CIP included. 3.B. Did not request. RO >1.

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15	Yes	162592	Carthage, Town of	Moore		24,112	0			PFAS Compliance Planning Study	Pilot testing to address PFAS issue.	No		LKC Engineering, PLLC	\$ 400,000	\$400,000	\$0	42	42	
16	Yes	162826	Martin County Regional Water and Sewer Authority	Martin		7,677	0			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	\$500,000	51	41	2.D. Not eligible (PFAS study projects).
17	No	162720	Cape Fear Public Utility Authority	New Hanover		3,226	10	\$67,170		Rockhill Area Water Extension - PFAS	Connect approx. 10 private wells with PFAS contamination	No		Cape Fear Public Utility Authority	\$ 671,700	\$671,700	\$335,850	52	39	3.A1 - Project not on CIP
18	No	162827	Piedmont Triad Regional Water Authority	Randolph		6,061	0			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	\$0	37	37	
19	Yes	162449	Graham, City of	Alamance		1,310	0			Drinking Water EC Study	PFAS Treatment Alternatives Evaluation.	No		Hazen and Sawyer	\$ 500,000	\$500,000	\$0	37	37	
20	Yes	161290	Norwood, Town of	Stanly	X	0	0			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	\$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			PFOS Compliance Planning Study	Pilot testing and preliminary design for the removal of PFOS.	Yes		LKC Engineering, PLLC	\$ 400,000	\$400,000	\$0	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			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	\$0	40	32	3.A.2. No adoption of CIP
23	Yes	162760	Harnett County	Harnett		5,712	0			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	\$0	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			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	\$0	28	28	
25	Yes	162818	Rocky Point Topsail Water and Sewer District	Pender		0	0			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	\$0	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			City of Burlington EC Study	Perform a PFAS Treatment Alternatives Evaluation to address PFAS.	No		Hazen and Sawyer	\$ 500,000	\$500,000	\$0	25	25	
27	Yes	162703	Lumberton, City of	Robeson		66,595	0			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	\$0	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			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	\$0	27	22	3.B. OR less than 1.

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Incomplete and Ineligible Applications

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