

Agenda Item I-3. Drinking Water - Emerging Contaminant 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	PWSID	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	Points Claimed by Applicant (unadjusted for reconsid.; may incl. points not related to EC PRS)	Emerging Contaminants Points Verified	Difference in Points Claimed and Verified (may include differences not related to EC PRS)
1	Yes	No	194060	Neuse Regional Water and Sewer Authority	Lenoir	Not Distressed	41,087	NC6054001			Construction	PFAS Treatment	PFAS treatment to address current levels of PFOS and PFOA above the proposed limits	No	No	NRWASA	\$32,160,000	\$32,160,000	83	60	2.B.1. (-20 points) Project earned 1.J.1 points (20 points) 2.D. (-10 points) Project earned 1.J.1 points 4.B. (2 pts) Rate sheet for Water and Sewer rates increase combined rate to 10 points
2	Yes	Yes	161890	Fayetteville Public Works Commission	Cumberland	Not Distressed	85,421	NC0326010			Construction	PO Hoffer Glenville Lake GAC Construction	Construct new GAC Facilities at both the PO Hoffer and Glenville Lake WTPs	No	No	Fayetteville PWC	\$75,858,446	\$74,307,300	63	58	
3	Yes	Yes	162484	Fuquay-Varina, Town of	Wake	Not Distressed	15,909	NC0392055			Construction	Sanford WFF - GAC Facility	GAC installation to remove PFAS.	No	No	Hazen and Sawyer	\$52,686,390	\$10,532,889	69	56	2.K.1. (-10 points) No interconnection in this project 2.N.7. (-3 points) Redundancy not part of project
4	Yes	Yes	161609	Holly Springs, Town of	Wake	Not Distressed	15,682	NC0392050			Construction	Sanford WFF Expansion - GAC Facility	Install GAC to remove PFAS.	No	No	Hazen and Sawyer	\$52,686,390	\$7,021,926	67	54	2.K.1. (-10 points) Interconnection not part of project 2.N.7. (-3 points) Redundancy/resiliency not part of project
5	No	Yes	162716	Cape Fear Public Utility Authority	New Hanover	Not Distressed	67,124	NC0465010	34	\$74,943	Construction	Alandale Area Water Extension - PFAS	Connect ~34 private wells with PFAS contamination	No	No	Cape Fear Public Utility Authority	\$2,548,075	\$2,548,075	57	54	
6	Yes	No	195498	Aqua North Carolina	Cumberland	Not Distressed	12,437	NC0326127; NC0326124; NC0326332			Construction	Brookwood Community Ion Exchange Filters	Construct ion exchange filters on 8 contaminated wells	No	Yes	Black & Veatch	\$5,795,400	\$5,795,400	60	52	3.E (-3 points) Water rate structure information not sufficient 4.A (-2 points) Residential connections too high
7	No	Yes	162718	Greensboro, City of	Guilford	Not Distressed	99,283	NC0241010			Construction	Greensboro Mitchell ATEC	5 GAC feed pumps (booster pump station), 8 GAC contactor basins, 2 backwash pumps	No	No	HDR	\$55,674,000	\$55,674,000	50	50	
8	No	Yes	162544	Bald Head Island, Town of	Brunswick	Not Distressed	1,248	NC0410130			Construction	BHI DW Construction-Emerging Contaminant	Add an activated carbon system to treat all streams of the RO drinking water system.	No	No	WithersRavenel	\$5,000,000	\$5,000,000	52	49	
9	No	Yes	162488	South Granville Water and Sewer Authority	Granville	Not Distressed	5,223	NC0239107			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	No	CDM Smith	\$22,210,000	\$22,210,000	75	47	1.J.1. (20 points) points received, so not eligible for 2.B.1 (-20 points) 3.A.2. (-2 points) Insufficient CIP adoption documentation
10	No	No	195587	Goldsboro, City of	Wayne	Distressed	12,276	NC0496010			Construction	PFAS Treatment Improvement Project	New post-filter treatment to WTP to address the PFAS levels in the drinking water. The improvements are sitework and install of GAC, pressure contact vessels & piping	No	No	CDM Smith	\$35,584,800	\$35,584,800	59	46	2.D. (-10 points) Missing regulatory citation 2.H.4 Information provided in the application project description, not the narrative. Copy of most recent lab reports provided. No maps provided.
11	No	Yes	162674	Greenville Utilities Commission	Pitt	Not Distressed	34,432	NC0474010			Construction	GAC Filter Media Replacement	GAC media installation.	No	No	Greenville Utilities Commission	\$1,815,000	\$1,815,000	47	42	3.A.1. (-10 points) Insufficient CIP documentation 3.B. (5 points) added OR points though not requested
12	No	No	195506	Burlington, City of	Alamance	Not Distressed	24,112	NC0201010			Construction	GAC Construction Project	Installation of a GAC system to treat for PFAS.	No	No	Hazen and Sawyer	\$28,160,000	\$28,160,000	40	40	
13	No	Yes	162720	Cape Fear Public Utility Authority	New Hanover	Not Distressed	67,124	NC0465010	10	\$67,170	Construction	Rockhill Area Water Extension - PFAS	Connect approx. 10 private wells with PFAS contamination	No	No	Cape Fear Public Utility Authority	\$671,700	\$671,700	52	39	3.A.1. (-10 points) AMP points removed because project not on CIP
14	Yes	No	195435	Roanoke Rapids Sanitary District	Halifax	Not Distressed	8,204	NC0442010			Evaluation/ Assessment Project	Drinking Water Emerging Contaminant Study	Conduct PFAS Treatment Alternatives Evaluation including: 1. Review PFAS trends 2. PFAS Treatment Technology Assessment - Bench-Scale Testing 3. PFAS Treatment Technology Assessment - Pilot Testing 4. Treatment Technology Selection	No	No	Hazen and Sawyer	\$500,000	\$500,000	39	39	
15	No	Yes	162827	Piedmont Triad Regional Water Authority	Randolph	Not Distressed	0	NC3076010			Construction	PFAS Construction RO Treatment System	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	No	Piedmont Triad Regional Water Authority	\$74,646,250	\$74,646,250	37	37	
16	Yes	No	195575	Goldsboro, City of	Wayne	Distressed	12,276	NC0496010			Evaluation/ Assessment Project	PFAS Treatment Evaluation and Pilot	Study treatment alternatives to remove PFAS compounds.	No	No	CDM Smith	\$500,000	\$500,000	44	31	2.D. (-10 points) EC projects not eligible for 2.D points. 2.I. (-3 points) EC study projects not eligible for 2.I points. 4.C.4. (-5 points) Insufficient narrative for DA. Awarded 4.C.3. (7 points) instead.
17	Yes	No	195456	Orange Water and Sewer Authority	Orange	Not Distressed	19,765	NC0368010			Evaluation/ Assessment Project	PFAS Treatment at Jones Ferry WTP	Conduct PFAS study and pilot testing. Funds used to determine best option for treatment.	No	No	Black & Veatch	\$694,000	\$500,000	28	28	
18	Yes	No	195584	Asheboro, City of	Randolph	Not Distressed	11,860	NC0276010			Evaluation/ Assessment Project	W L Brown WTP Emerg Cont Planning Study	Planning project to determine best practice for PFAS removal at current WTP.	No	No	City of Asheboro	\$500,000	\$500,000	28	23	2.H.3. (-5 points) Not awarded because 2.H.4 (10 points) awarded instead.

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19	Yes No	195477	Rocky Mount, City of	Nash	Not Distressed	21,851	NC0464010			Evaluation/ Assessment Project	PFAS Treatment at Rocky Mount WTPs	Conduct a pilot study to: Compare alternative media configurations, refine operational parameters, validate design criteria, estimate life cycle costs based on media replace frequency.	No		Black & Veatch	\$500,000	\$500,000	27	22	3.B (-5 points) Not awarded. Does not meet OR/MHI criteria.

**Incomplete and Ineligible Applications**

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INEL_1	No Yes	162040	Fayetteville Public Works Commission	Cumberland	Not Distressed	85,421	NC0326010			Evaluation/ Assessment Project	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	N/A	Ineligible - IUP limits funding to Construction project if funded.