"(iv) shall include specific capabilities of the Administrator and the Director that may be utilized to provide support to public water systems under the Support Plan, including—

"(I) site vulnerability and risk assessments;

"(II) penetration tests; and

"(III) any additional support determined to be appropriate by the Administrator; and

"(v) shall only include plans for providing voluntary support to public water systems.

"(3) CONSULTATION REQUIRED.—In developing the Prioritization Framework pursuant to paragraph (1) and the Support Plan pursuant to paragraph (2), the Administrator shall consult with such Federal or non-Federal entities as determined to be appropriate by the Administrator.

"(4) REPORTS REQUIRED.—

"(A) PRIORITIZATION FRAMEWORK.—Not later than 190 days after the date of enactment of this section, the Administrator shall submit to the appropriate Congressional committees a report describing the Prioritization Framework.

"(B) TECHNICAL CYBERSECURITY SUPPORT PLAN.—Not later than 280 days after the date of enactment of this section, the Administrator shall submit to the appropriate Congressional committees—

"(i) the Support Plan; and

"(ii) a list describing any public water systems identified by the Administrator, in coordination with the Director, as needing technical support for cybersecurity during the development of the Support Plan.

"(c) RULES OF CONSTRUCTION.—Nothing in this section—

"(1) alters the existing authorities of the Administrator; or

"(2) compels a public water system to accept technical support offered by the Administrator.".

SEC. 50114. STATE RESPONSE TO CONTAMINANTS.

Section 1459A(j)(1) of the Safe Drinking Water Act (42 U.S.C. 300j–19a(j)(1)) is amended—

(1) in the matter preceding subparagraph (A), by striking "an underserved community" and inserting "a community described in subsection (c)(2)"; and

(2) in subparagraph (A)(i), by striking "such underserved" and inserting "that".

SEC. 50115. ANNUAL STUDY ON BOIL WATER ADVISORIES.

(a) IN GENERAL.—Not later than 1 year after the date of enactment of this Act, and annually thereafter, the Administrator shall conduct a study on the prevalence of boil water advisories issued in the United States.

(b) REPORT.—

(1) IN GENERAL.—The Administrator shall submit to Congress a report describing the results of the most recent study conducted under subsection (a) as part of the annual budget request transmitted to Congress under section 1105(a) of title 31, United States Code.

(2) REQUIREMENT.—In the annual report required under paragraph (1), the Administrator shall include a description of the reasons for which boil water advisories were issued during the year covered by the report.

TITLE II—CLEAN WATER

SEC. 50201. RESEARCH, INVESTIGATIONS, TRAINING, AND INFORMATION.

(a) REAUTHORIZATION.—Section 104(u) of the Federal Water Pollution Control Act (33 U.S.C. 1254(u)) is amended—

(1) by striking "and (7)" and inserting "(7)"; and

(2) in paragraph (7)—

(A) by striking "2023" and inserting "2021"; and

(B) by striking the period at the end and inserting "; and (8) not to exceed $75,000,000 for each of fiscal years 2022 through 2026 for carrying out subsections (b)(3), (b)(8), and (g), of which not less than $50,000,000 each fiscal year shall be used to carry out subsection (b)(8).".

(b) COMMUNICATION.—Each nonprofit organization that receives funding under paragraph (8) of section 104(b) of the Federal Water Pollution Control Act (33 U.S.C. 1254(b)) shall, before using that funding to undertake activities to carry out that paragraph, consult with the State in which the assistance is to be expended or otherwise made available.

(c) REPORT.—Not later than 2 years after the date of enactment of this Act, the Administrator shall submit to Congress a report that describes the implementation of the grants authorized under subsections (b)(3), (b)(8), and (g) of section 104 of the Federal Water Pollution Control Act (33 U.S.C. 1254), which shall include a description of the grant recipients and grant amounts made available to carry out those subsections.

SEC. 50202. WASTEWATER EFFICIENCY GRANT PILOT PROGRAM.

Title II of the Federal Water Pollution Control Act (33 U.S.C. 1281 et seq.) is amended by adding at the end the following:

"SEC. 222. WASTEWATER EFFICIENCY GRANT PILOT PROGRAM.

"(a) ESTABLISHMENT.—Subject to the availability of appropriations, the Administrator shall establish a wastewater efficiency grant pilot program (referred to in this section as the 'pilot program') to award grants to owners or operators of publicly owned treatment works to carry out projects that create or improve waste-to-energy systems.

"(b) SELECTION.—

"(1) APPLICATIONS.—To be eligible to receive a grant under the pilot program, an owner or operator of a treatment works shall submit to the Administrator an application at such time, in such manner, and containing such information as the Administrator may require.

"(2) NUMBER OF RECIPIENTS.—The Administrator shall select not more than 15 recipients of grants under the pilot program from applications submitted under paragraph (1).

"(c) USE OF FUNDS.—

"(1) IN GENERAL.—Subject to paragraph (2), a recipient of a grant under the pilot program may use grant funds for—

"(A) sludge collection;

"(B) installation of anaerobic digesters;

"(C) methane capture;

"(D) methane transfer;

"(E) facility upgrades and retrofits necessary to create or improve waste-to-energy systems; and

"(F) other new and emerging, but proven, technologies that transform waste to energy.

"(2) LIMITATION.—A grant to a recipient under the pilot program shall be not more than $4,000,000.

"(d) REPORTS.—

"(1) REPORT TO THE ADMINISTRATOR.—Not later than 2 years after receiving a grant under the pilot program and each year thereafter for which amounts are made available for the pilot program under subsection (e), the recipient of the grant shall submit to the Administrator a report describing the impact of that project on the communities within 3 miles of the treatment works.

"(2) REPORT TO CONGRESS.—Not later than 1 year after first awarding grants under the pilot program and each year thereafter for which amounts are made available for the pilot program under subsection (e), the Administrator shall submit to Congress a report describing—

"(A) the applications received by the Administrator for grants under the pilot program; and

"(B) the projects for which grants were awarded under the pilot program.

"(e) AUTHORIZATION OF APPROPRIATIONS.—

"(1) IN GENERAL.—There is authorized to be appropriated to carry out the pilot program $20,000,000 for each of fiscal years 2022 through 2026, to remain available until expended.

"(2) LIMITATION ON USE OF FUNDS.—Of the amounts made available for grants under paragraph (1), not more than 2 percent may be used to pay the administrative costs of the Administrator.".

SEC. 50203. PILOT PROGRAM FOR ALTERNATIVE WATER SOURCE PROJECTS.

Section 220 of the Federal Water Pollution Control Act (33 U.S.C. 1300) is amended—

(1) in subsection (b), in the heading, by striking "IN GENERAL" and inserting "ESTABLISHMENT";

(2) in subsection (d)—

(A) in paragraph (1), by inserting "construction" before "funds";

(B) by striking paragraph (2); and

(C) by redesignating paragraph (3) as paragraph (2);

(3) by striking subsection (e);

(4) in subsection (i)—

(A) in the matter preceding paragraph (1), by striking ", the following definitions apply"; and

(B) in paragraph (1), in the first sentence, by striking "water or wastewater or by treating wastewater" and inserting "water, wastewater, or stormwater or by treating wastewater or stormwater for groundwater recharge, potable reuse, or other purposes";

(5) in subsection (j)—

(A) in the first sentence, by striking "There is" and inserting the following:

"(1) IN GENERAL.—There is";

(B) in paragraph (1) (as so designated), by striking "a total of $75,000,000 for fiscal years 2002 through 2004. Such sums shall" and inserting "$25,000,000 for each of fiscal years 2022 through 2026, to"; and

(C) by adding at the end the following:

"(2) LIMITATION ON USE OF FUNDS.—Of the amounts made available for grants under paragraph (1), not more than 2 percent may be used to pay the administrative costs of the Administrator."; and

(6) by redesignating subsections (b), (c), (d), (i), and (j) as subsections (c), (d), (e), (b), and (i), respectively, and moving those subsections so as to appear in alphabetical order.

SEC. 50204. SEWER OVERFLOW AND STORMWATER REUSE MUNICIPAL GRANTS.

Section 221 of the Federal Water Pollution Control Act (33 U.S.C. 1301) is amended—

(1) in subsection (a)(1) —

(A) in subparagraph (A), by striking "and" at the end;

(B) by redesignating subparagraph (B) as subparagraph (C); and

(C) by inserting after subparagraph (A) the following:

"(B) notification systems to inform the public of combined sewer or sanitary overflows that result in sewage being released into rivers and other waters; and";

(2) in subsection (d)—

(A) in the second sentence, by striking "The non-Federal share of the cost" and inserting the following:

"(3) TYPES OF NON-FEDERAL SHARE.—The applicable non-Federal share of the cost under this subsection";

(B) in the first sentence, by striking "The Federal" and inserting the following:

"(1) IN GENERAL.—The Federal"; and

(C) by inserting after paragraph (1) (as so designated) the following:

"(2) RURAL AND FINANCIALLY DISTRESSED COMMUNITIES.—To the maximum extent practicable, the Administrator shall work with States to prevent the non-Federal share requirements under this subsection from being passed on to rural communities and financially distressed communities (as those terms are defined in subsection (f)(2)(B)(i)).";

(3) in subsection (f)—

(A) by striking paragraph (1) and inserting the following:

"(1) IN GENERAL.—There is authorized to be appropriated to carry out this section $280,000,000 for each of fiscal years 2022 through 2026."; and

(B) in paragraph (2)—

(i) by striking "To the extent" and inserting the following:

"(A) GREEN PROJECTS.—To the extent"; and

(ii) by adding at the end the following:

"(B) RURAL OR FINANCIALLY DISTRESSED COMMUNITY ALLOCATION.—

"(i) DEFINITIONS.—In this subparagraph:

"(I) FINANCIALLY DISTRESSED COMMUNITY.—The term 'financially distressed community' has the meaning given the term in subsection (c)(1).

"(II) RURAL COMMUNITY.—The term 'rural community' means a city, town, or unincorporated area that has a population of not more than 10,000 inhabitants.

"(ii) ALLOCATION.—

"(I) IN GENERAL.—To the extent there are sufficient eligible project applications, the Administrator shall ensure that a State uses not less than 25 percent of the amount of the grants made to the State under subsection (a) in a fiscal year to carry out projects in rural communities or financially distressed communities for the purpose of planning, design, and construction of—

"(aa) treatment works to intercept, transport, control, treat, or reuse municipal sewer overflows, sanitary sewer overflows, or stormwater; or

"(bb) any other measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water eligible for assistance under section 603(c).

"(II) RURAL COMMUNITIES.—Of the funds allocated under subclause (I) for the purposes described in that subclause, to the extent there are sufficient eligible project applications, the Administrator shall ensure that a State uses not less than 60 percent to carry out projects in rural communities."; and

(4) in subsection (i)—

(A) in the second sentence, by striking "The recommended funding levels" and inserting the following:

"(B) REQUIREMENT.—The funding levels recommended under subparagraph (A)(i)";

(B) in the first sentence, by striking "Not later" and inserting the following:

"(1) PERIODIC REPORTS.—

"(A) IN GENERAL.—Not later";

(C) in paragraph (1)(A) (as so designated)—

(i) by striking the period at the end and inserting "; and";

(ii) by striking "containing recommended" and inserting the following: "containing—

"(i) recommended"; and

(iii) by adding at the end the following:

"(ii) a description of the extent to which States pass costs associated with the non-Federal share requirements under subsection (d) to local communities, with a focus on rural communities and financially distressed communities (as those terms are defined in subsection (f)(2)(B)(i))."; and

(D) by adding at the end the following:

"(2) USE OF FUNDS.—Not later than 2 years after the date of enactment of this paragraph, the Administrator shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report that describes the implementation of the grant program under this section, which shall include a description of the grant recipients, sources of funds for non-Federal share requirements under subsection (d), and grant amounts made available under the program.".

SEC. 50205. CLEAN WATER INFRASTRUCTURE RESILIENCY AND SUSTAINABILITY PROGRAM.

Title II of the Federal Water Pollution Control Act (33 U.S.C. 1281 et seq.) (as amended by section 50202) is amended by adding at the end the following:

"SEC. 223. CLEAN WATER INFRASTRUCTURE RESILIENCY AND SUSTAINABILITY PROGRAM.

"(a) DEFINITIONS.—In this section:

"(1) ELIGIBLE ENTITY.—The term 'eligible entity' means—

"(A) a municipality; or

"(B) an intermunicipal, interstate, or State agency.

"(2) NATURAL HAZARD.—The term 'natural hazard' means a hazard caused by natural forces, including extreme weather events, sea-level rise, and extreme drought conditions.

"(3) PROGRAM.—The term 'program' means the clean water infrastructure resilience and sustainability program established under subsection (b).

"(b) ESTABLISHMENT.—Subject to the availability of appropriations, the Administrator shall establish a clean water infrastructure resilience and sustainability program under which the Administrator shall award grants to eligible entities for the purpose of increasing the resilience of publicly owned treatment works to a natural hazard or cybersecurity vulnerabilities.

"(c) USE OF FUNDS.—An eligible entity that receives a grant under the program shall use the grant funds for planning, designing, or constructing projects (on a system-wide or area-wide basis) that increase the resilience of a publicly owned treatment works to a natural hazard or cybersecurity vulnerabilities through—

"(1) the conservation of water;

"(2) the enhancement of water use efficiency;

"(3) the enhancement of wastewater and stormwater management by increasing watershed preservation and protection, including through the use of—

"(A) natural and engineered green infrastructure; and

"(B) reclamation and reuse of wastewater and stormwater, such as aquifer recharge zones;

"(4) the modification or relocation of an existing publicly owned treatment works, conveyance, or discharge system component that is at risk of being significantly impaired or damaged by a natural hazard;

"(5) the development and implementation of projects to increase the resilience of publicly owned treatment works to a natural hazard or cybersecurity vulnerabilities, as applicable; or

"(6) the enhancement of energy efficiency or the use and generation of recovered or renewable energy in the management, treatment, or conveyance of wastewater or stormwater.

"(d) APPLICATION.—To be eligible to receive a grant under the program, an eligible entity shall submit to the Administrator an application at such time, in such manner, and containing such information as the Administrator may require, including—

"(1) a proposal of the project to be planned, designed, or constructed using funds under the program;

"(2) an identification of the natural hazard risk of the area where the proposed project is to be located or potential cybersecurity vulnerability, as applicable, to be addressed by the proposed project;

"(3) documentation prepared by a Federal, State, regional, or local government agency of the natural hazard risk of the area where the proposed project is to be located or potential cybersecurity vulnerability, as applicable, of the area where the proposed project is to be located;

"(4) a description of any recent natural hazard risk of the area where the proposed project is to be located or potential cybersecurity vulnerabilities that have affected the publicly owned treatment works;

"(5) a description of how the proposed project would improve the performance of the publicly owned treatment works under an anticipated natural hazard or natural hazard risk of the area where the proposed project is to be located or a potential cybersecurity vulnerability, as applicable; and

"(6) an explanation of how the proposed project is expected to enhance the resilience of the publicly owned treatment works to a natural hazard risk of the area where the proposed project is to be located or a potential cybersecurity vulnerability, as applicable.

"(e) GRANT AMOUNT AND OTHER FEDERAL REQUIREMENTS.—

"(1) COST SHARE.—Except as provided in paragraph (2), a grant under the program shall not exceed 75 percent of the total cost of the proposed project.

"(2) EXCEPTION.—

"(A) IN GENERAL.—Except as provided in subparagraph (B), a grant under the program shall not exceed 90 percent of the total cost of the proposed project if the project serves a community that—

"(i) has a population of fewer than 10,000 individuals; or

"(ii) meets the affordability criteria established by the State in which the community is located under section 603(i)(2).

"(B) WAIVER.—At the discretion of the Administrator, a grant for a project described in subparagraph (A) may cover 100 percent of the total cost of the proposed project.

"(3) REQUIREMENTS.—The requirements of section 608 shall apply to a project funded with a grant under the program.

"(f) REPORT.—Not later than 2 years after the date of enactment of this section, the Administrator shall submit to Congress a report that describes the implementation of the program, which shall include an accounting of all grants awarded under the program, including a description of each grant recipient and each project funded using a grant under the program.

"(g) AUTHORIZATION OF APPROPRIATIONS.—

"(1) IN GENERAL.—There is authorized to be appropriated to carry out this section $25,000,000 for each of fiscal years 2022 through 2026.

"(2) LIMITATION ON USE OF FUNDS.—Of the amounts made available for grants under paragraph (1), not more than 2 percent may be used to pay the administrative costs of the Administrator.".

SEC. 50206. SMALL AND MEDIUM PUBLICLY OWNED TREATMENT WORKS CIRCUIT RIDER PROGRAM.

Title II of the Federal Water Pollution Control Act (33 U.S.C. 1281 et seq.) (as amended by section 50205) is amended by adding at the end the following:

"SEC. 224. SMALL AND MEDIUM PUBLICLY OWNED TREATMENT WORKS CIRCUIT RIDER PROGRAM.

"(a) ESTABLISHMENT.—Subject to the availability of appropriations, not later than 180 days after the date of enactment of this section, the Administrator shall establish a circuit rider program (referred to in this section as the 'circuit rider program') under which the Administrator shall award grants to qualified nonprofit entities, as determined by the Administrator, to provide assistance to owners and operators of small and medium publicly owned treatment works to carry out the activities described in section 602(b)(13).

"(b) LIMITATION.—A grant provided under the circuit rider program shall be in an amount that is not more than $75,000.

"(c) PRIORITIZATION.—In selecting recipients of grants under the circuit rider program, the Administrator shall give priority to qualified nonprofit entities, as determined by the Administrator, that would serve a community that—

"(1) has a history, for not less than the 10 years prior to the award of the grant, of unresolved wastewater issues, stormwater issues, or a combination of wastewater and stormwater issues;

"(2) is considered financially distressed;

"(3) faces the cumulative burden of stormwater and wastewater overflow issues; or

"(4) has previously failed to access Federal technical assistance due to cost-sharing requirements.

"(d) COMMUNICATION.—Each qualified nonprofit entity that receives funding under this section shall, before using that funding to undertake activities to carry out this section, consult with the State in which the assistance is to be expended or otherwise made available.

"(e) REPORT.—Not later than 2 years after the date on which the Administrator establishes the circuit rider program, and every 2 years thereafter, the Administrator shall submit to Congress a report describing—

"(1) each recipient of a grant under the circuit rider program; and

"(2) a summary of the activities carried out under the circuit rider program.

"(f) AUTHORIZATION OF APPROPRIATIONS.—

"(1) IN GENERAL.—There is authorized to be appropriated to carry out this section $10,000,000 for the period of fiscal years 2022 through 2026.

"(2) LIMITATION ON USE OF FUNDS.—Of the amounts made available for grants under paragraph (1), not more than 2 percent may be used to pay the administrative costs of the Administrator.".

SEC. 50207. SMALL PUBLICLY OWNED TREATMENT WORKS EFFICIENCY GRANT PROGRAM.

Title II of the Federal Water Pollution Control Act (33 U.S.C. 1281 et seq.) (as amended by section 50206) is amended by adding at the end the following:

"SEC. 225. SMALL PUBLICLY OWNED TREATMENT WORKS EFFICIENCY GRANT PROGRAM.

"(a) ESTABLISHMENT.—Subject to the availability of appropriations, not later than 180 days after the date of enactment of this section, the Administrator shall establish an efficiency grant program (referred to in this section as the 'efficiency grant program') under which the Administrator shall award grants to eligible entities for the replacement or repair of equipment that improves water or energy efficiency of small publicly owned treatment works, as identified in an efficiency audit.

"(b) ELIGIBLE ENTITIES.—The Administrator may award a grant under the efficiency grant program to—

"(1) an owner or operator of a small publicly owned treatment works that serves—

"(A) a population of not more than 10,000 people; or

"(B) a disadvantaged community; or

"(2) a nonprofit organization that seeks to assist a small publicly owned treatment works described in paragraph (1) to carry out the activities described in subsection (a).

"(c) REPORT.—Not later than 2 years after the date on which the Administrator establishes the efficiency grant program, and every 2 years thereafter, the Administrator shall submit to Congress a report describing—

"(1) each recipient of a grant under the efficiency grant program; and

"(2) a summary of the activities carried out under the efficiency grant program.

"(d) USE OF FUNDS.—

"(1) SMALL SYSTEMS.—Of the amounts made available for grants under this section, to the extent that there are sufficient applications, not less than 15 percent shall be used for grants to publicly owned treatment works that serve fewer than 3,300 people.

"(2) LIMITATION ON USE OF FUNDS.—Of the amounts made available for grants under this section, not more than 2 percent may be used to pay the administrative costs of the Administrator.".

SEC. 50208. GRANTS FOR CONSTRUCTION AND REFURBISHING OF INDIVIDUAL HOUSEHOLD DECENTRALIZED WASTEWATER SYSTEMS FOR INDIVIDUALS WITH LOW OR MODERATE INCOME.

Title II of the Federal Water Pollution Control Act (33 U.S.C. 1281 et seq.) (as amended by section 50207) is amended by adding at the end the following:

"SEC. 226. GRANTS FOR CONSTRUCTION AND REFURBISHING OF INDIVIDUAL HOUSEHOLD DECENTRALIZED WASTEWATER SYSTEMS FOR INDIVIDUALS WITH LOW OR MODERATE INCOME.

"(a) DEFINITION OF ELIGIBLE INDIVIDUAL.—In this section, the term 'eligible individual' means a member of a low-income or moderate-income household, the members of which have a combined income (for the most recent 12-month period for which information is available) equal to not more than 50 percent of the median nonmetropolitan household income for the State or territory in which the household is located, according to the most recent decennial census.

"(b) GRANT PROGRAM.—

"(1) IN GENERAL.—Subject to the availability of appropriations, the Administrator shall establish a program under which the Administrator shall provide grants to private nonprofit organizations for the purpose of improving general welfare by providing assistance to eligible individuals—

"(A) for the construction, repair, or replacement of an individual household decentralized wastewater treatment system; or

"(B) for the installation of a larger decentralized wastewater system designed to provide treatment for 2 or more households in which eligible individuals reside, if—

"(i) site conditions at the households are unsuitable for the installation of an individually owned decentralized wastewater system;

"(ii) multiple examples of unsuitable site conditions exist in close geographic proximity to each other; and

"(iii) a larger decentralized wastewater system could be cost-effectively installed.

"(2) APPLICATION.—To be eligible to receive a grant under this subsection, a private nonprofit organization shall submit to the Administrator an application at such time, in such manner, and containing such information as the Administrator determines to be appropriate.

"(3) PRIORITY.—In awarding grants under this subsection, the Administrator shall give priority to applicants that have substantial expertise and experience in promoting the safe and effective use of individual household decentralized wastewater systems.

"(4) ADMINISTRATIVE EXPENSES.—A private nonprofit organization may use amounts provided under this subsection to pay the administrative expenses associated with the provision of the services described in paragraph (1), as the Administrator determines to be appropriate.

"(c) GRANTS.—

"(1) IN GENERAL.—Subject to paragraph (2), a private nonprofit organization shall use a grant provided under subsection (b) for the services described in paragraph (1) of that subsection.

"(2) APPLICATION.—To be eligible to receive the services described in subsection (b)(1), an eligible individual shall submit to the private nonprofit organization serving the area in which the individual household decentralized wastewater system of the eligible individuals is, or is proposed to be, located an application at such time, in such manner, and containing such information as the private nonprofit organization determines to be appropriate.

"(3) PRIORITY.—In awarding grants under this subsection, a private nonprofit organization shall give priority to any eligible individual who does not have access to a sanitary sewage disposal system.

"(d) REPORT.—Not later than 2 years after the date of enactment of this section, the Administrator shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report describing the recipients of grants under the program under this section and the results of the program under this section.

"(e) AUTHORIZATION OF APPROPRIATIONS.—

"(1) IN GENERAL.—There is authorized to be appropriated to the Administrator to carry out this section $50,000,000 for each of fiscal years 2022 through 2026.

"(2) LIMITATION ON USE OF FUNDS.—Of the amounts made available for grants under paragraph (1), not more than 2 percent may be used to pay the administrative costs of the Administrator.".

SEC. 50209. CONNECTION TO PUBLICLY OWNED TREATMENT WORKS.

Title II of the Federal Water Pollution Control Act (33 U.S.C. 1281 et seq.) (as amended by section 50208) is amended by adding at the end the following:

"SEC. 227. CONNECTION TO PUBLICLY OWNED TREATMENT WORKS.

"(a) DEFINITIONS.—In this section:

"(1) ELIGIBLE ENTITY.—The term 'eligible entity' means—

"(A) an owner or operator of a publicly owned treatment works that assists or is seeking to assist low-income or moderate-income individuals with connecting the household of the individual to the publicly owned treatment works; or

"(B) a nonprofit entity that assists low-income or moderate-income individuals with the costs associated with connecting the household of the individual to a publicly owned treatment works.

"(2) PROGRAM.—The term 'program' means the competitive grant program established under subsection (b).

"(3) QUALIFIED INDIVIDUAL.—The term 'qualified individual' has the meaning given the term 'eligible individual' in section 603(j).

"(b) ESTABLISHMENT.—Subject to the availability of appropriations, the Administrator shall establish a competitive grant program with the purpose of improving general welfare, under which the Administrator awards grants to eligible entities to provide funds to assist qualified individuals in covering the costs incurred by the qualified individual in connecting the household of the qualified individual to a publicly owned treatment works.

"(c) APPLICATION.—

"(1) IN GENERAL.—An eligible entity seeking a grant under the program shall submit to the Administrator an application at such time, in such manner, and containing such information as the Administrator may by regulation require.

"(2) REQUIREMENT.—Not later than 90 days after the date on which the Administrator receives an application from an eligible entity under paragraph (1), the Administrator shall notify the eligible entity of whether the Administrator will award a grant to the eligible entity under the program.

"(d) SELECTION CRITERIA.—In selecting recipients of grants under the program, the Administrator shall use the following criteria:

"(1) Whether the eligible entity seeking a grant provides services to, or works directly with, qualified individuals.

"(2) Whether the eligible entity seeking a grant—

"(A) has an existing program to assist in covering the costs incurred in connecting a household to a publicly owned treatment works; or

"(B) seeks to create a program described in subparagraph (A).

"(e) REQUIREMENTS.—

"(1) VOLUNTARY CONNECTION.—Before providing funds to a qualified individual for the costs described in subsection (b), an eligible entity shall ensure that—

"(A) the qualified individual has connected to the publicly owned treatment works voluntarily; and

"(B) if the eligible entity is not the owner or operator of the publicly owned treatment works to which the qualified individual has connected, the publicly owned treatment works to which the qualified individual has connected has agreed to the connection.

"(2) REIMBURSEMENTS FROM PUBLICLY OWNED TREATMENT WORKS.—An eligible entity that is an owner or operator of a publicly owned treatment works may reimburse a qualified individual that has already incurred the costs described in subsection (b) by—

"(A) reducing the amount otherwise owed by the qualified individual to the owner or operator for wastewater or other services provided by the owner or operator; or

"(B) providing a direct payment to the qualified individual.

"(f) AUTHORIZATION OF APPROPRIATIONS.—

"(1) IN GENERAL.—There is authorized to be appropriated to carry out the program $40,000,000 for each of fiscal years 2022 through 2026.

"(2) LIMITATIONS ON USE OF FUNDS.—

"(A) SMALL SYSTEMS.—Of the amounts made available for grants under paragraph (1), to the extent that there are sufficient applications, not less than 15 percent shall be used to make grants to—

"(i) eligible entities described in subsection (a)(1)(A) that are owners and operators of publicly owned treatment works that serve fewer than 3,300 people; and

"(ii) eligible entities described in subsection (a)(1)(B) that provide the assistance described in that subsection in areas that are served by publicly owned treatment works that serve fewer than 3,300 people.

"(B) ADMINISTRATIVE COSTS.—Of the amounts made available for grants under paragraph (1), not more than 2 percent may be used to pay the administrative costs of the Administrator.".

SEC. 50210. CLEAN WATER STATE REVOLVING FUNDS.

(a) USE OF FUNDS.—

(1) IN GENERAL.—Section 603 of the Federal Water Pollution Control Act (33 U.S.C. 1383) is amended—

(A) in subsection (d), in the matter preceding paragraph (1), by inserting "and provided in subsection (k)" after "State law";

(B) in subsection (i)—

(i) in paragraph (1), in the matter preceding subparagraph (A), by striking ", including forgiveness of principal and negative interest loans" and inserting "(including forgiveness of principal, grants, negative interest loans, other loan forgiveness, and through buying, refinancing, or restructuring debt)"; and

(ii) in paragraph (3), by striking subparagraph (B) and inserting the following:

"(B) TOTAL AMOUNT OF SUBSIDIZATION.—

"(i) IN GENERAL.—For each fiscal year, of the amount of the capitalization grant received by the State under this title, the total amount of additional subsidization made available by a State under paragraph (1)—

"(I) may not exceed 30 percent; and

"(II) to the extent that there are sufficient applications for assistance to communities described in that paragraph, may not be less than 10 percent.

"(ii) EXCLUSION.—A loan from the water pollution control revolving fund of a State with an interest rate equal to or greater than 0 percent shall not be considered additional subsidization for purposes of this subparagraph."; and

(C) by adding at the end the following:

"(k) ADDITIONAL USE OF FUNDS.—A State may use an additional 2 percent of the funds annually awarded to each State under this title for nonprofit organizations (as defined in section 104(w)) or State, regional, interstate, or municipal entities to provide technical assistance to rural, small, and tribal publicly owned treatment works (within the meaning of section 104(b)(8)(B)) in the State.".

(2) TECHNICAL AMENDMENT.—Section 104(w) of the Federal Water Pollution Control Act (33 U.S.C. 1254(w)) is amended by striking "treatments works" and inserting "treatment works".

(b) CAPITALIZATION GRANT REAUTHORIZATION.—Section 607 of the Federal Water Pollution Control Act (33 U.S.C. 1387) is amended to read as follows:

"SEC. 607. AUTHORIZATION OF APPROPRIATIONS.

"There are authorized to be appropriated to carry out the purposes of this title—

"(1) $2,400,000,000 for fiscal year 2022;

"(2) $2,750,000,000 for fiscal year 2023;

"(3) $3,000,000,000 for fiscal year 2024; and

"(4) $3,250,000,000 for each of fiscal years 2025 and 2026.".

SEC. 50211. WATER INFRASTRUCTURE AND WORKFORCE INVESTMENT.

Section 4304 of the America's Water Infrastructure Act of 2018 (42 U.S.C. 300j–19e) is amended—

(1) in subsection (a)(3)—

(A) in subparagraph (A), by inserting "Tribal," after "State,"; and

(B) in subparagraph (B), by striking "community-based organizations" and all that follows through the period at the end and inserting the following: "community-based organizations and public works departments or agencies to align water and wastewater utility workforce recruitment efforts, training programs, retention efforts, and community resources with water and wastewater utilities—

"(i) to accelerate career pipelines;

"(ii) to ensure the sustainability of the water and wastewater utility workforce; and

"(iii) to provide access to workforce opportunities.";

(2) in subsection (b)—

(A) in paragraph (1)—

(i) by striking subparagraph (B);

(ii) in subparagraph (A), by striking "; and" at the end and inserting ", which may include—"

(iii) in the matter preceding subparagraph (A), by striking "program—" and all that follows through "to assist" in subparagraph (A) and inserting "program to assist"; and

(iv) by adding at the end the following:

"(A) expanding the use and availability of activities and resources that relate to the recruitment, including the promotion of diversity within that recruitment, of individuals to careers in the water and wastewater utility sector;

"(B) expanding the availability of training opportunities for—

"(i) individuals entering into the water and wastewater utility sector; and

"(ii) individuals seeking to advance careers within the water and wastewater utility sector; and

"(C) expanding the use and availability of activities and strategies, including the development of innovative activities and strategies, that relate to the maintenance and retention of a sustainable workforce in the water and wastewater utility sector.";

(B) in paragraph (2)—

(i) in the matter preceding subparagraph (A), by striking "institutions—" and inserting "institutions, or public works departments and agencies—"; and

(ii) in subparagraph (A)—

(I) by striking clauses (ii) and (iii);

(II) in clause (i), by adding "or" at the end;

(III) by redesignating clause (i) as clause (ii);

(IV) by inserting before clause (ii) (as so redesignated) the following:

"(i) in the development of educational or recruitment materials and activities, including those materials and activities that specifically promote diversity within recruitment, for the water and wastewater utility workforce;"; and

(V) by adding at the end the following:

"(iii) developing activities and strategies that relate to the maintenance and retention of a sustainable workforce in the water and wastewater utility sector; and";

(C) in paragraph (3)—

(i) in subparagraph (D)(ii), by inserting "or certification" after "training"; and

(ii) in subparagraph (E), by striking "ensure that incumbent water and waste water utilities workers" and inserting "are designed to retain incumbent water and wastewater utility workforce workers by ensuring that those workers"; and

(D) by striking paragraph (4) and inserting the following:

"(4) WORKING GROUP; REPORT.—

"(A) IN GENERAL.—The Administrator shall establish and coordinate a Federal interagency working group to address recruitment, training, and retention challenges in the water and wastewater utility workforce, which shall include representatives from—

"(i) the Department of Education;

"(ii) the Department of Labor;

"(iii) the Department of Agriculture;

"(iv) the Department of Veterans Affairs; and

"(v) other Federal agencies, as determined to be appropriate by the Administrator.

"(B) REPORT.—Not later than 2 years after the date of enactment of this subparagraph, the Administrator, in coordination with the working group established under subparagraph (A), shall submit to Congress a report describing potential solutions to recruitment, training, and retention challenges in the water and wastewater utility workforce.

"(C) CONSULTATION.—In carrying out the duties of the working group established under subparagraph (A), the working group shall consult with State operator certification programs.

"(5) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this subsection $5,000,000 for each of fiscal years 2022 through 2026.";

(3) by redesignating subsections (a) and (b) as subsections (b) and (c), respectively; and

(4) by inserting before subsection (b) (as so redesignated) the following:

"(a) DEFINITION OF PUBLIC WORKS DEPARTMENT OR AGENCY.—In this section, the term 'public works department or agency' means a political subdivision of a local, county, or regional government that designs, builds, operates, and maintains water infrastructure, sewage and refuse disposal systems, and other public water systems and facilities.".

SEC. 50212. GRANTS TO ALASKA TO IMPROVE SANITATION IN RURAL AND NATIVE VILLAGES.

Section 303 of the Safe Drinking Water Act Amendments of 1996 (33 U.S.C. 1263a) is amended—

(1) in subsection (b), by striking "50 percent" and inserting "75 percent"; and

(2) in subsection (e), by striking "this section" and all that follows through the period at the end and inserting the following: "this section—

"(1) $40,000,000 for each of fiscal years 2022 through 2024;

"(2) $50,000,000 for fiscal year 2025; and

"(3) $60,000,000 for fiscal year 2026.".

SEC. 50213. WATER DATA SHARING PILOT PROGRAM.

(a) ESTABLISHMENT.—

(1) IN GENERAL.—Subject to the availability of appropriations, the Administrator shall establish a competitive grant pilot program (referred to in this section as the "pilot program") under which the Administrator may award grants to eligible entities under subsection (b) to establish systems that improve the sharing of information concerning water quality, water infrastructure needs, and water technology, including cybersecurity technology, between States or among counties and other units of local government within a State, which may include—

(A) establishing a website or data hub to exchange water data, including data on water quality or water technology, including new and emerging, but proven, water technology; and

(B) intercounty communications initiatives related to water data.

(2) REQUIREMENTS.—

(A) DATA SHARING.—The Internet of Water principles developed by the Nicholas Institute for Environmental Policy Solutions shall, to the extent practicable, guide any water data sharing efforts under the pilot program.

(B) USE OF EXISTING DATA.—The recipient of a grant under the pilot program to establish a website or data hub described in paragraph (1)(A) shall, to the extent practicable, leverage existing data sharing infrastructure.

(b) ELIGIBLE ENTITIES.—An entity eligible for a grant under the pilot program is—

(1) a State, county, or other unit of local government that—

(A) has a coastal watershed with significant pollution levels;

(B) has a water system with significant pollution levels; or

(C) has significant individual water infrastructure deficits; or

(2) a regional consortium established under subsection (d).

(c) APPLICATIONS.—To be eligible to receive a grant under the pilot program, an eligible entity

under subsection (b) shall submit to the Administrator an application at such time, in such manner, and containing such information as the Administrator may require.

(d) REGIONAL CONSORTIA.—

(1) ESTABLISHMENT.—States may establish regional consortia in accordance with this subsection.

(2) REQUIREMENTS.—A regional consortium established under paragraph (1) shall—

(A) include not fewer than 2 States that have entered into a memorandum of understanding—

(i) to exchange water data, including data on water quality; or

(ii) to share information, protocols, and procedures with respect to projects that evaluate, demonstrate, or install new and emerging, but proven, water technology;

(B) carry out projects—

(i) to exchange water data, including data on water quality; or

(ii) that evaluate, demonstrate, or install new and emerging, but proven, water technology; and

(C) develop a regional intended use plan, in accordance with paragraph (3), to identify projects to carry out, including projects using grants received under this section.

(3) REGIONAL INTENDED USE PLAN.—A regional intended use plan of a regional consortium established under paragraph (1)—

(A) shall identify projects that the regional consortium intends to carry out, including projects that meet the requirements of paragraph (2)(B); and

(B) may include—

(i) projects included in an intended use plan of a State prepared under section 606(c) of the Federal Water Pollution Control Act (33 U.S.C. 1386(c)) within the regional consortium; and

(ii) projects not included in an intended use plan of a State prepared under section 606(c) of the Federal Water Pollution Control Act (33 U.S.C. 1386(c)) within the regional consortium.

(e) REPORT.—Not later than 2 years after the date of enactment of this Act, the Administrator shall submit to Congress a report that describes the implementation of the pilot program, which shall include—

(1) a description of the use and deployment of amounts made available under the pilot program; and

(2) an accounting of all grants awarded under the program, including a description of each grant recipient and each project funded using a grant under the pilot program.

(f) FUNDING.—

(1) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out the pilot program $15,000,000 for each of fiscal years 2022 through 2026, to remain available until expended.

(2) REQUIREMENT.—Of the funds made available under paragraph (1), not more than 35 percent may be used to provide grants to regional consortia established under subsection (d).

SEC. 50214. FINAL RATING OPINION LETTERS.

Section 5028(a)(1)(D)(ii) of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3907(a)(1)(D)(ii)) is amended by striking "final rating opinion letters from at least 2 rating agencies" and inserting "a final rating opinion letter from at least 1 rating agency".

SEC. 50215. WATER INFRASTRUCTURE FINANCING REAUTHORIZATION.

(a) IN GENERAL.—Section 5033 of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3912) is amended—

(1) in subsection (a), by adding at the end the following:

"(3) FISCAL YEARS 2022 THROUGH 2026.—There is authorized to be appropriated to the Administrator to carry out this subtitle $50,000,000 for each of fiscal years 2022 through 2026, to remain available until expended.";

(2) in subsection (b)(2)—

(A) in the paragraph heading, by striking "2020 AND 2021" and inserting "AFTER 2019"; and

(B) by striking "2020 and 2021" and inserting "2022 through 2026"; and

(3) in subsection (e)(1), by striking "2020 and 2021" and inserting "2022 through 2026".

(b) OUTREACH PLAN.—The Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3901 et seq.) is amended by adding at the end the following:

"SEC. 5036. OUTREACH PLAN.

"(a) DEFINITION OF RURAL COMMUNITY.—In this section, the term 'rural community' means a city, town, or unincorporated area that has a population of not more than 10,000 inhabitants.

"(b) OUTREACH REQUIRED.—Not later than 180 days after the date of enactment of this section, the Administrator, in consultation with relevant Federal agencies, shall develop and begin implementation of an outreach plan to promote financial assistance available under this subtitle to small communities and rural communities.".

SEC. 50216. SMALL AND DISADVANTAGED COMMUNITY ANALYSIS.

(a) ANALYSIS.—Not later than 2 years after the date of enactment of this Act, using environmental justice data of the Environmental Protection Agency, including data from the environmental justice mapping and screening tool of the Environmental Protection Agency, the Administrator shall carry out an analysis under which the Administrator shall assess the programs under title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.) and section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j–12) to identify historical distributions of funds to small and disadvantaged communities and new opportunities and methods to improve on the distribution of funds under those programs to low-income communities, rural communities, minority communities, and communities of indigenous peoples, in accordance with Executive Order 12898 (42 U.S.C. 4321 note; 60 Fed. Reg. 6381; relating to Federal actions to address environmental justice in minority populations and low-income populations).

(b) REQUIREMENT.—The analysis under subsection (a) shall include an analysis, to the extent practicable, of communities in the United States that do not have access to drinking water or wastewater services.

(c) REPORT.—On completion of the analysis under subsection (a), the Administrator shall submit to the Committee on Environment and Public Works of the Senate and the Committees on Energy and Commerce and Transportation and Infrastructure of the House of Representatives a report describing—

(1) the results of the analysis; and

(2) the criteria the Administrator used in carrying out the analysis.

SEC. 50217. STORMWATER INFRASTRUCTURE TECHNOLOGY.

(a) DEFINITIONS.—In this section:

(1) CENTER.—The term "center" means a center of excellence for stormwater control infrastructure established under subsection (b)(1).

(2) ELIGIBLE ENTITY.—The term "eligible entity" means—

(A) a State, Tribal, or local government; or

(B) a local, regional, or other public entity that manages stormwater or wastewater resources or other related water infrastructure.

(3) ELIGIBLE INSTITUTION.—The term "eligible institution" means an institution of higher education, a research institution, or a nonprofit organization—

(A) that has demonstrated excellence in researching and developing new and emerging stormwater control infrastructure technologies; and

(B) with respect to a nonprofit organization, the core mission of which includes water management, as determined by the Administrator.

(b) CENTERS OF EXCELLENCE FOR STORMWATER CONTROL INFRASTRUCTURE TECHNOLOGIES.—

(1) ESTABLISHMENT OF CENTERS.—

(A) IN GENERAL.—Subject to the availability of appropriations, the Administrator shall provide grants, on a competitive basis, to eligible institutions to establish and maintain not less than 3, and not more than 5, centers of excellence for new and emerging stormwater control infrastructure technologies, to be located in various regions throughout the United States.

(B) GENERAL OPERATION.—Each center shall—

(i) conduct research on new and emerging stormwater control infrastructure technologies that are relevant to the geographical region in which the center is located, including stormwater and sewer overflow reduction, other approaches to water resource enhancement, alternative funding approaches, and other environmental, economic, and social benefits, with the goal of improving the effectiveness, cost efficiency, and protection of public safety and water quality;

(ii) maintain a listing of—

(I) stormwater control infrastructure needs; and

(II) an analysis of new and emerging stormwater control infrastructure technologies that are available;

(iii) analyze whether additional financial programs for the implementation of new and emerging, but proven, stormwater control infrastructure technologies would be useful;

(iv) provide information regarding research conducted under clause (i) to the national electronic clearinghouse center for publication on the Internet website established under paragraph (3)(B)(i) to provide to the Federal Government and State, Tribal, and local governments and the private sector information regarding new and emerging, but proven, stormwater control infrastructure technologies;

(v) provide technical assistance to State, Tribal, and local governments to assist with the design, construction, operation, and maintenance of stormwater control infrastructure projects that use innovative technologies;

(vi) collaborate with institutions of higher education and private and public organizations, including community-based public-private partnerships and other stakeholders, in the geographical region in which the center is located; and

(vii) coordinate with the other centers to avoid duplication of efforts.

(2) APPLICATION.—To be eligible to receive a grant under this subsection, an eligible institution shall prepare and submit to the Administrator an application at such time, in such form, and containing such information as the Administrator may require.

(3) NATIONAL ELECTRONIC CLEARINGHOUSE CENTER.—Of the centers established under paragraph (1)(A), 1 shall—

(A) be designated as the "national electronic clearinghouse center"; and

(B) in addition to the other functions of that center—

(i) develop, operate, and maintain an Internet website and a public database that contains information relating to new and emerging, but proven, stormwater control infrastructure technologies; and

(ii) post to the website information from all centers.

(4) AUTHORIZATION OF APPROPRIATIONS.—

(A) IN GENERAL.—There is authorized to be appropriated to carry out this subsection $5,000,000 for each of fiscal years 2022 through 2026.

(B) LIMITATION ON USE OF FUNDS.—Of the amounts made available for grants under subparagraph (A), not more than 2 percent may be used to pay the administrative costs of the Administrator.

(c) STORMWATER CONTROL INFRASTRUCTURE PROJECT GRANTS.—

(1) GRANT AUTHORITY.—Subject to the availability of appropriations, the Administrator shall provide grants, on a competitive basis, to eligible entities to carry out stormwater control infrastructure projects that incorporate new and emerging, but proven, stormwater control technologies in accordance with this subsection.

(2) STORMWATER CONTROL INFRASTRUCTURE PROJECTS.—

(A) PLANNING AND DEVELOPMENT GRANTS.—The Administrator may make planning and development grants under this subsection for the following projects:

(i) Planning and designing stormwater control infrastructure projects that incorporate new and emerging, but proven, stormwater control technologies, including engineering surveys, landscape plans, maps, long-term operations and maintenance plans, and implementation plans.

(ii) Identifying and developing standards necessary to accommodate stormwater control infrastructure projects, including those projects that incorporate new and emerging, but proven, stormwater control technologies.

(iii) Identifying and developing fee structures to provide financial support for design, installation, and operations and maintenance of stormwater control infrastructure, including new and emerging, but proven, stormwater control infrastructure technologies.

(iv) Developing approaches for community-based public-private partnerships for the financing and construction of stormwater control infrastructure technologies, including feasibility studies, stakeholder outreach, and needs assessments.

(v) Developing and delivering training and educational materials regarding new and emerging, but proven, stormwater control infrastructure technologies for distribution to—

(I) individuals and entities with applicable technical knowledge; and

(II) the public.

(B) IMPLEMENTATION GRANTS.—The Administrator may make implementation grants under this subsection for the following projects:

(i) Installing new and emerging, but proven, stormwater control infrastructure technologies.

(ii) Protecting or restoring interconnected networks of natural areas that protect water quality.

(iii) Monitoring and evaluating the environmental, economic, or social benefits of stormwater control infrastructure technologies that incorporate new and emerging, but proven, stormwater control technology.

(iv) Implementing a best practices standard for stormwater control infrastructure programs.

(3) APPLICATION.—Except as otherwise provided in this section, to be eligible to receive a grant under this subsection, an eligible entity shall prepare and submit to the Administrator an application at such time, in such form, and containing such information as the Administrator may require, including, as applicable—

(A) a description of the stormwater control infrastructure project that incorporates new and emerging, but proven, technologies;

(B) a plan for monitoring the impacts and pollutant load reductions associated with the stormwater control infrastructure project on the water quality and quantity;

(C) an evaluation of other environmental, economic, and social benefits of the stormwater control infrastructure project; and

(D) a plan for the long-term operation and maintenance of the stormwater control infrastructure project and a tracking system, such as asset management practices.

(4) PRIORITY.—In making grants under this subsection, the Administrator shall give priority to applications submitted on behalf of—

(A) a community that—

(i) has municipal combined storm and sanitary sewers in the collection system of the community; or

(ii) is a small, rural, or disadvantaged community, as determined by the Administrator; or

(B) an eligible entity that will use not less than 15 percent of the grant to provide service to a small, rural, or disadvantaged community, as determined by the Administrator.

(5) MAXIMUM AMOUNTS.—

(A) PLANNING AND DEVELOPMENT GRANTS.—

(i) SINGLE GRANT.—The amount of a single planning and development grant provided under this subsection shall be not more than $200,000.

(ii) AGGREGATE AMOUNT.—The total amount of all planning and development grants provided under this subsection for a fiscal year shall be not more than ⅓ of the total amount made available to carry out this subsection.

(B) IMPLEMENTATION GRANTS.—

(i) SINGLE GRANT.—The amount of a single implementation grant provided under this subsection shall be not more than $2,000,000.

(ii) AGGREGATE AMOUNT.—The total amount of all implementation grants provided under this subsection for a fiscal year shall be not more than ⅔ of the total amount made available to carry out this subsection.

(6) FEDERAL SHARE.—

(A) IN GENERAL.—Except as provided in subparagraph (C), the Federal share of a grant provided under this subsection shall not exceed 80 percent of the total project cost.

(B) CREDIT FOR IMPLEMENTATION GRANTS.—The Administrator shall credit toward the non-Federal share of the cost of an implementation project carried out under this subsection the cost of planning, design, and construction work completed for the project using funds other than funds provided under this section.

(C) EXCEPTION.—The Administrator may waive the Federal share limitation under subparagraph (A) for an eligible entity that has adequately demonstrated financial need.

(d) REPORT TO CONGRESS.—Not later than 2 years after the date on which the Administrator first awards a grant under this section, the Administrator shall submit to Congress a report that includes, with respect to the period covered by the report—

(1) a description of all grants provided under this section;

(2) a detailed description of—

(A) the projects supported by those grants; and

(B) the outcomes of those projects;

(3) a description of the improvements in technology, environmental benefits, resources conserved, efficiencies, and other benefits of the projects funded under this section;

(4) recommendations for improvements to promote and support new and emerging, but proven, stormwater control infrastructure, including research into new and emerging technologies, for the centers, grants, and activities under this section; and

(5) a description of existing challenges concerning the use of new and emerging, but proven, stormwater control infrastructure.

(e) AUTHORIZATION OF APPROPRIATIONS.—

(1) IN GENERAL.—There is authorized to be appropriated to carry out this section (except for subsection (b)) $10,000,000 for each of fiscal years 2022 through 2026.

(2) LIMITATION ON USE OF FUNDS.—Of the amounts made available for grants under paragraph (1), not more than 2 percent may be used to pay the administrative costs of the Administrator.

SEC. 50218. WATER REUSE INTERAGENCY WORKING GROUP.

(a) IN GENERAL.—Not later than 180 days after the date of enactment of this Act, the Administrator shall establish a Water Reuse Interagency Working Group (referred to in this section as the "Working Group").

(b) PURPOSE.—The purpose of the Working Group is to develop and coordinate actions, tools, and resources to advance water reuse across the United States, including through the implementation of the February 2020 National Water Reuse Action Plan, which creates opportunities for water reuse in the mission areas of each of the Federal agencies included in the Working Group under subsection (c) (referred to in this section as the "Action Plan").

(c) CHAIRPERSON; MEMBERSHIP.—The Working Group shall be—

(1) chaired by the Administrator; and

(2) comprised of senior representatives from such Federal agencies as the Administrator determines to be appropriate.

(d) DUTIES OF THE WORKING GROUP.—In carrying out this section, the Working Group shall—

(1) with respect to water reuse, leverage the expertise of industry, the research community, nongovernmental organizations, and government;

(2) seek to foster water reuse as an important component of integrated water resources management;

(3) conduct an assessment of new opportunities to advance water reuse and annually update the Action Plan with new actions, as necessary, to pursue those opportunities;

(4) seek to coordinate Federal programs and policies to support the adoption of water reuse;

(5) consider how each Federal agency can explore and identify opportunities to support water reuse through the programs and activities of that Federal agency; and

(6) consult, on a regular basis, with representatives of relevant industries, the research community, and nongovernmental organizations.

(e) REPORT.—Not less frequently than once every 2 years, the Administrator shall submit to Congress a report on the activities and findings of the Working Group.

(f) SUNSET.—

(1) IN GENERAL.—Subject to paragraph (2), the Working Group shall terminate on the date that is 6 years after the date of enactment of this Act.

(2) EXTENSION.—The Administrator may extend the date of termination of the Working Group under paragraph (1).

SEC. 50219. ADVANCED CLEAN WATER TECHNOLOGIES STUDY.

(a) IN GENERAL.—Subject to the availability of appropriations, not later than 2 years after the date of enactment of this Act, the Administrator shall carry out a study that examines the state of existing and potential future technology, including technology that could address cybersecurity vulnerabilities, that enhances or could enhance the treatment, monitoring, affordability, efficiency, and safety of wastewater services provided by a treatment works (as defined in section 212 of the Federal Water Pollution Control Act (33 U.S.C. 1292)).

(b) REPORT.—The Administrator shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Energy and Commerce of the House of Representatives a report that describes the results of the study under subsection (a).

SEC. 50220. CLEAN WATERSHEDS NEEDS SURVEY.

Title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.) is amended by adding at the end the following:

"SEC. 609. CLEAN WATERSHEDS NEEDS SURVEY.

"(a) REQUIREMENT.—Not later than 2 years after the date of enactment of this section, and not less frequently than once every 4 years thereafter, the Administrator shall—

"(1) conduct and complete an assessment of capital improvement needs for all projects that are eligible under section 603(c) for assistance from State water pollution control revolving funds; and

"(2) submit to Congress a report describing the results of the assessment completed under paragraph (1).

"(b) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out the initial needs survey under subsection (a) $5,000,000, to remain available until expended.".

SEC. 50221. WATER RESOURCES RESEARCH ACT AMENDMENTS.

(a) CLARIFICATION OF RESEARCH ACTIVITIES.—Section 104(b)(1) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(b)(1)) is amended—

(1) in subparagraph (B)(ii), by striking "water-related phenomena" and inserting "water resources"; and

(2) in subparagraph (D), by striking the period at the end and inserting "; and".

(b) COMPLIANCE REPORT.—Section 104 of the Water Resources Research Act of 1984 (42 U.S.C. 10303) is amended by striking subsection (c) and inserting the following:

"(c) GRANTS.—

"(1) IN GENERAL.—From the sums appropriated pursuant to subsection (f), the Secretary shall make grants to each institute to be matched on a basis of no less than 1 non-Federal dollar for every 1 Federal dollar.

"(2) REPORT.—Not later than December 31 of each fiscal year, the Secretary shall submit to the Committee on Environment and Public Works of the Senate, the Committee on the Budget of the Senate, the Committee on Transportation and Infrastructure of the House of Representatives, and the Committee on the Budget of the House of Representatives a report regarding the compliance of each funding recipient with this subsection for the immediately preceding fiscal year.".

(c) EVALUATION OF WATER RESOURCES RESEARCH PROGRAM.—Section 104 of the Water Resources Research Act of 1984 (42 U.S.C. 10303) is amended by striking subsection (e) and inserting the following:

"(e) EVALUATION OF WATER RESOURCES RESEARCH PROGRAM.—

"(1) IN GENERAL.—The Secretary shall conduct a careful and detailed evaluation of each institute at least once every 5 years to determine—

"(A) the quality and relevance of the water resources research of the institute;

"(B) the effectiveness of the institute at producing measured results and applied water supply research; and

"(C) whether the effectiveness of the institute as an institution for planning, conducting, and arranging for research warrants continued support under this section.

"(2) PROHIBITION ON FURTHER SUPPORT.—If, as a result of an evaluation under paragraph (1), the Secretary determines that an institute does not qualify for further support under this section, no further grants to the institute may be provided until the qualifications of the institute are reestablished to the satisfaction of the Secretary.".

(d) AUTHORIZATION OF APPROPRIATIONS.—Section 104(f)(1) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(f)(1)) is amended by striking "fiscal years 2007 through 2011" and inserting "fiscal years 2022 through 2025".

(e) ADDITIONAL APPROPRIATIONS WHERE RESEARCH FOCUSED ON WATER PROBLEMS OF INTERSTATE NATURE.—Section 104(g)(1) of the Water Resources Research Act of 1984 (42 U.S.C. 10303(g)(1)) is amended in the first sentence by striking "$6,000,000 for each of fiscal years 2007 through 2011" and inserting "$3,000,000 for each of fiscal years 2022 through 2025".

SEC. 50222. ENHANCED AQUIFER USE AND RECHARGE.

Title I of the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.) is amended by adding at the end the following:

"SEC. 124. ENHANCED AQUIFER USE AND RECHARGE.

"(a) IN GENERAL.—Subject to the availability of appropriations, the Administrator shall provide funding to carry out groundwater research on enhanced aquifer use and recharge in support of sole-source aquifers, of which—

"(1) not less than 50 percent shall be used to provide 1 grant to a State, unit of local government, or Indian Tribe to carry out activities that would directly support that research; and

"(2) the remainder shall be provided to 1 appropriate research center.

"(b) COORDINATION.—As a condition of accepting funds under subsection (a), the State, unit of local government, or Indian Tribe and the appropriate research center that receive funds under that subsection shall establish a formal research relationship for the purpose of coordinating efforts under this section.

"(c) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to the Administrator to carry out this section $5,000,000 for each of fiscal years 2022 through 2026.".

DIVISION F—BROADBAND

TITLE I—BROADBAND GRANTS FOR STATES, DISTRICT OF COLUMBIA, PUERTO RICO, AND TERRITORIES

SEC. 60101. FINDINGS.

Congress finds the following:

(1) Access to affordable, reliable, high-speed broadband is essential to full participation in modern life in the United States.

(2) The persistent "digital divide" in the United States is a barrier to the economic competitiveness of the United States and equitable distribution of essential public services, including health care and education.

(3) The digital divide disproportionately affects communities of color, lower-income areas, and rural areas, and the benefits of broadband should be broadly enjoyed by all.

(4) In many communities across the country, increased competition among broadband providers has the potential to offer consumers more affordable, high-quality options for broadband service.

(5) The 2019 novel coronavirus pandemic has underscored the critical importance of affordable, high-speed broadband for individuals, families, and communities to be able to work, learn, and connect remotely while supporting social distancing.

SEC. 60102. GRANTS FOR BROADBAND DEPLOYMENT.

(a) DEFINITIONS.—

(1) AREAS, LOCATIONS, AND INSTITUTIONS LACKING BROADBAND ACCESS.—In this section:

(A) UNSERVED LOCATION.—The term "unserved location" means a broadband-serviceable location, as determined in accordance with the broadband DATA maps, that—

(i) has no access to broadband service; or

(ii) lacks access to reliable broadband service offered with—

(I) a speed of not less than—

(aa) 25 megabits per second for downloads; and

(bb) 3 megabits per second for uploads; and

(II) a latency sufficient to support real-time, interactive applications.

(B) UNSERVED SERVICE PROJECT.—The term "unserved service project" means a project in which not less than 80 percent of broadband-serviceable locations served by the project are unserved locations.

(C) UNDERSERVED LOCATION.—The term "underserved location" means a location—

(i) that is not an unserved location; and

(ii) as determined in accordance with the broadband DATA maps, lacks access to reliable broadband service offered with—

(I) a speed of not less than—

(aa) 100 megabits per second for downloads; and

(bb) 20 megabits per second for uploads; and

(II) a latency sufficient to support real-time, interactive applications.

(D) UNDERSERVED SERVICE PROJECT.—The term "underserved service project" means a project in which not less than 80 percent of broadband-serviceable locations served by the project are unserved locations or underserved locations.

(E) ELIGIBLE COMMUNITY ANCHOR INSTITUTION.—The term "eligible community anchor institution" means a community anchor institution that lacks access to gigabit-level broadband service.

(2) OTHER DEFINITIONS.—In this section:

(A) ASSISTANT SECRETARY.—The term "Assistant Secretary" means the Assistant Secretary of Commerce for Communications and Information.

(B) BROADBAND; BROADBAND SERVICE.—The term "broadband" or "broadband service" has the meaning given the term "broadband internet access service" in section 8.1(b) of title 47, Code of Federal Regulations, or any successor regulation.

(C) BROADBAND DATA MAPS.—The term "broadband DATA maps" means the maps created under section 802(c)(1) of the Communications Act of 1934 (47 U.S.C. 642(c)(1)).

(D) COMMISSION.—The term "Commission" means the Federal Communications Commission.

(E) COMMUNITY ANCHOR INSTITUTION.—The term "community anchor institution" means an entity such as a school, library, health clinic, health center, hospital or other medical provider, public safety entity, institution of higher education, public housing organization, or community support organization that facilitates greater use of broadband service by vulnerable populations, including low-income individuals, unemployed individuals, and aged individuals.

(F) ELIGIBLE ENTITY.—The term "eligible entity" means a State.

(G) HIGH-COST AREA.—

(i) IN GENERAL.—The term "high-cost area" means an unserved area in which the cost of building out broadband service is higher, as compared with the average cost of building out broadband service in unserved areas in the United States (as determined by the Assistant Secretary, in consultation with the Commission), incorporating factors that include—

(I) the remote location of the area;

(II) the lack of population density of the area;

(III) the unique topography of the area;

(IV) a high rate of poverty in the area; or

(V) any other factor identified by the Assistant Secretary, in consultation with the Commission, that contributes to the higher cost of deploying broadband service in the area.

(ii) UNSERVED AREA.—For purposes of clause (i), the term "unserved area" means an area in which not less than 80 percent of broadband-serviceable locations are unserved locations.

(H) LOCATION; BROADBAND-SERVICEABLE LOCATION.—The terms "location" and "broadband-serviceable location" have the meanings given those terms by the Commission under rules and guidance that are in effect, as of the date of enactment of this Act.

(I) PRIORITY BROADBAND PROJECT.—The term "priority broadband project" means a project designed to—

(i) provide broadband service that meets speed, latency, reliability, consistency in quality of service, and related criteria as the Assistant Secretary shall determine; and

(ii) ensure that the network built by the project can easily scale speeds over time to—

(I) meet the evolving connectivity needs of households and businesses; and

(II) support the deployment of 5G, successor wireless technologies, and other advanced services.

(J) PROGRAM.—The term "Program" means the Broadband Equity, Access, and Deployment Program established under subsection (b)(1).

(K) PROJECT.—The term "project" means an undertaking by a subgrantee under this section to construct and deploy infrastructure for the provision of broadband service.

(L) RELIABLE BROADBAND SERVICE.—The term "reliable broadband service" means broadband service that meets performance criteria for service availability, adaptability to changing end-user requirements, length of serviceable life, or other criteria, other than upload and download speeds, as determined by the Assistant Secretary in coordination with the Commission.

(M) STATE.—The term "State" has the meaning given the term in section 158 of the National Telecommunications and Information Administration Organization Act (47 U.S.C. 942), except that that definition shall be applied by striking ", and any other territory or possession of the United States".

(N) SUBGRANTEE.—The term "subgrantee" means an entity that receives grant funds from an eligible entity to carry out activities under subsection (f).

(b) BROADBAND EQUITY, ACCESS, AND DEPLOYMENT PROGRAM.—