

117TH CONGRESS
1ST SESSION

S. _____

To amend the Safe Drinking Water Act and the Federal Water Pollution Control Act to reauthorize programs under those Acts, and for other purposes.

IN THE SENATE OF THE UNITED STATES

Ms. DUCKWORTH (for herself, Mrs. CAPITO, Mr. CARDIN, Ms. LUMMIS, Mr. CARPER, Mr. CRAMER, Mr. WHITEHOUSE, Mr. INHOFE, Ms. STABENOW, Mr. SULLIVAN, Mr. KELLY, and Mr. PADILLA) introduced the following bill; which was read twice and referred to the Committee on

A BILL

To amend the Safe Drinking Water Act and the Federal Water Pollution Control Act to reauthorize programs under those Acts, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE; TABLE OF CONTENTS.**

4 (a) SHORT TITLE.—This Act may be cited as the
5 “Drinking Water and Wastewater Infrastructure Act of
6 2021”.

7 (b) TABLE OF CONTENTS.—The table of contents for
8 this Act is as follows:

2

- Sec. 1. Short title; table of contents.
- Sec. 2. Definition of Administrator.

TITLE I—DRINKING WATER

- Sec. 101. Technical assistance and grants for emergencies affecting public water systems.
- Sec. 102. Drinking water State revolving loan funds.
- Sec. 103. Source water petition program.
- Sec. 104. Assistance for small and disadvantaged communities.
- Sec. 105. Reducing lead in drinking water.
- Sec. 106. Operational sustainability of small public water systems.
- Sec. 107. Midsize and large drinking water system infrastructure resilience and sustainability program.
- Sec. 108. Needs assessment for nationwide rural and urban low-income community water assistance.
- Sec. 109. Lead contamination in school drinking water.
- Sec. 110. Indian reservation drinking water program.
- Sec. 111. Advanced drinking water technologies.

TITLE II—CLEAN WATER

- Sec. 201. Research, investigations, training, and information.
- Sec. 202. Wastewater efficiency grant pilot program.
- Sec. 203. Pilot program for alternative water source projects.
- Sec. 204. Sewer overflow and stormwater reuse municipal grants.
- Sec. 205. Clean water infrastructure resiliency and sustainability program.
- Sec. 206. Small and medium publicly owned treatment works circuit rider program.
- Sec. 207. Small publicly owned treatment works efficiency grant program.
- Sec. 208. Grants for construction, refurbishing, and servicing of individual household decentralized wastewater systems for individuals with low or moderate income.
- Sec. 209. Connection to publicly owned treatment works.
- Sec. 210. Clean water State revolving funds.
- Sec. 211. Water infrastructure and workforce investment.
- Sec. 212. Grants to Alaska to improve sanitation in rural and Native villages.
- Sec. 213. Water data sharing pilot program.
- Sec. 214. Final rating opinion letters.
- Sec. 215. Water infrastructure financing reauthorization.
- Sec. 216. Small and disadvantaged community analysis.
- Sec. 217. Stormwater infrastructure technology.
- Sec. 218. Water Reuse Interagency Working Group.
- Sec. 219. Advanced clean water technologies study.
- Sec. 220. Clean water infrastructure needs survey.

1 **SEC. 2. DEFINITION OF ADMINISTRATOR.**

- 2 In this Act, the term “Administrator” means the Ad-
- 3 ministrator of the Environmental Protection Agency.

1 **TITLE I—DRINKING WATER**

2 **SEC. 101. TECHNICAL ASSISTANCE AND GRANTS FOR EMER-**
3 **GENCIES AFFECTING PUBLIC WATER SYS-**
4 **TEMS.**

5 Section 1442 of the Safe Drinking Water Act (42
6 U.S.C. 300j-1) is amended—

7 (1) in subsection (b), in the first sentence—

8 (A) by inserting “(including an emergency
9 situation resulting from a cybersecurity event)”
10 after “emergency situation”; and

11 (B) by inserting “, including a threat to
12 public health resulting from contaminants, such
13 as, but not limited to, heightened exposure to
14 lead in drinking water” after “public health”;

15 (2) by striking subsection (d) and inserting the
16 following:

17 “(d) **AUTHORIZATION OF APPROPRIATIONS.**—There
18 is authorized to be appropriated to carry out subsection
19 (b) \$35,000,000 for each of fiscal years 2022 through
20 2026.”;

21 (3) in subsection (e), by striking paragraph (5)
22 and inserting the following:

23 “(5) **AUTHORIZATION OF APPROPRIATIONS.**—
24 There is authorized to be appropriated to the Ad-

1 administrator to carry out this subsection \$15,000,000
2 for each of fiscal years 2022 through 2026.”;

3 (4) by redesignating subsection (f) as sub-
4 section (g); and

5 (5) by inserting after subsection (e) the fol-
6 lowing:

7 “(f) STATE-BASED NONPROFIT ORGANIZATIONS.—
8 The Administrator may provide technical assistance con-
9 sistent with the authority provided under subsection (e)
10 to State-based nonprofit organizations that are governed
11 by community water systems.”.

12 **SEC. 102. DRINKING WATER STATE REVOLVING LOAN**
13 **FUNDS.**

14 (a) DRINKING WATER STATE REVOLVING FUNDS
15 CAPITALIZATION GRANT REAUTHORIZATION.—Section
16 1452 of the Safe Drinking Water Act (42 U.S.C. 300j–
17 12) is amended—

18 (1) in subsection (a)(4)(A), by striking “During
19 fiscal years 2019 through 2023, funds” and insert-
20 ing “Funds”;

21 (2) in subsection (m)(1) —

22 (A) in subparagraph (B), by striking
23 “and”;

1 (B) in subparagraph (C), by striking the
2 period at the end and inserting a semicolon;
3 and

4 (C) by adding at the end the following:

5 “(D) \$2,400,000,000 for fiscal year 2022;

6 “(E) \$2,750,000,000 for fiscal year 2023;

7 “(F) \$3,000,000,000 for fiscal year 2024;

8 and

9 “(G) \$3,250,000,000 for each of fiscal
10 years 2025 and 2026.”; and

11 (3) in subsection (q), by striking “2016 through
12 2021” and inserting “2022 through 2026”.

13 (b) ASSISTANCE FOR DISADVANTAGED COMMU-
14 NITIES.—Section 1452(d) of the Safe Drinking Water Act
15 (42 U.S.C. 300j–12(d)) is amended—

16 (1) in paragraph (1), by inserting “, grants,
17 negative interest loans, other loan forgiveness, and
18 through buying, refinancing, or restructuring debt”
19 after “forgiveness of principal”; and

20 (2) in paragraph (2), by striking subparagraph
21 (B) and inserting the following:

22 “(B) to the extent that there are sufficient
23 applications for loans to communities described
24 in paragraph (1), may not be less than 12 per-
25 cent.”.

1 **SEC. 103. SOURCE WATER PETITION PROGRAM.**

2 Section 1454 of the Safe Drinking Water Act (42
3 U.S.C. 300j-14) is amended—

4 (1) in subsection (a)—

5 (A) in paragraph (1)(A), in the matter
6 preceding clause (i), by striking “political sub-
7 division of a State,” and inserting “political
8 subdivision of a State (including a county that
9 is designated by the State to act on behalf of
10 an unincorporated area within that county, with
11 the agreement of that unincorporated area),”;

12 (B) in paragraph (4)(D)(i), by inserting
13 “(including a county that is designated by the
14 State to act on behalf of an unincorporated
15 area within that county)” after “of the State”;
16 and

17 (C) by adding at the end the following:

18 “(5) SAVINGS PROVISION.—Unless otherwise
19 provided within the agreement, an agreement be-
20 tween an unincorporated area and a county for the
21 county to submit a petition under paragraph (1)(A)
22 on behalf of the unincorporated area shall not au-
23 thorize the county to act on behalf of the unincor-
24 porated area in any matter not within a program
25 under this section.”; and

1 (2) in subsection (e), in the first sentence, by
2 striking “2021” and inserting “2026”.

3 **SEC. 104. ASSISTANCE FOR SMALL AND DISADVANTAGED**
4 **COMMUNITIES.**

5 (a) **EXISTING PROGRAMS.**—Section 1459A of the
6 Safe Drinking Water Act (42 U.S.C. 300j–19a) is amend-
7 ed—

8 (1) in subsection (b)(2)—

9 (A) in subparagraph (B), by striking
10 “and” at the end;

11 (B) in subparagraph (C), by striking the
12 period at the end and inserting a semicolon;
13 and

14 (C) by adding at the end the following:

15 “(D) the purchase of point-of-entry or
16 point-of-use filters that are independently cer-
17 tified using science-based test methods for the
18 removal of contaminants of concern;

19 “(E) investments necessary for providing
20 accurate and current information about—

21 “(i) the need for filtration and filter
22 safety, including proper use and mainte-
23 nance practices; and

24 “(ii) the options for replacing lead
25 service lines (as defined section 1459B(a))

1 and removing other sources of lead in
2 water; and

3 “(F) entering into contracts with nonprofit
4 organizations that have water system technical
5 expertise to assist underserved communities.

6 “(3) CONTRACTING PARTIES.—A contract de-
7 scribed in paragraph (2)(F) may be between a non-
8 profit organization described in that paragraph
9 and—

10 “(A) an eligible entity; or

11 “(B) the State of an eligible entity, on be-
12 half of that eligible entity.”;

13 (2) in subsection (c), in the matter preceding
14 paragraph (1), by striking “An eligible entity” and
15 inserting “Except for purposes of subsections (j) and
16 (m), an eligible entity”;

17 (3) in subsection (g)(1), by striking “to pay not
18 less than 45 percent” and inserting “except as pro-
19 vided in subsection (l)(5) and subject to subsection
20 (h), to pay not less than 10 percent”;

21 (4) by striking subsection (k) and inserting the
22 following:

23 “(k) AUTHORIZATION OF APPROPRIATIONS.—There
24 are authorized to be appropriated to carry out subsections
25 (a) through (j)—

1 “(1) \$60,000,000 for fiscal year 2022;
2 “(2) \$80,000,000 for fiscal year 2023;
3 “(3) \$100,000,000 for fiscal year 2024;
4 “(4) \$120,000,000 for fiscal year 2025; and
5 “(5) \$140,000,000 for fiscal year 2026.”; and
6 (5) in subsection (l)—

7 (A) in paragraph (2)—

8 (i) by striking “The Administrator
9 may” and inserting “The Administrator
10 shall”; and

11 (ii) by striking “fiscal years 2019 and
12 2020” and inserting “fiscal years 2022
13 through 2026”;

14 (B) in paragraph (5), by striking
15 “\$4,000,000 for each of fiscal years 2019 and
16 2020” and inserting “\$25,000,000 for each of
17 fiscal years 2022 through 2026”;

18 (C) by redesignating paragraph (5) as
19 paragraph (6); and

20 (D) by inserting after paragraph (4) the
21 following:

22 “(5) FEDERAL SHARE FOR SMALL, RURAL, AND
23 DISADVANTAGED COMMUNITIES.—

24 “(A) IN GENERAL.—Subject to subpara-
25 graph (B), with respect to a program or project

1 that serves an eligible entity and is carried out
2 using a grant under this subsection, the Fed-
3 eral share of the cost of the program or project
4 shall be 90 percent.

5 “(B) WAIVER.—The Administrator may
6 increase the Federal share under subparagraph
7 (A) to 100 percent if the Administrator deter-
8 mines that an eligible entity is unable to pay,
9 or would experience significant financial hard-
10 ship if required to pay, the non-Federal share.”.

11 (b) CONNECTION TO PUBLIC WATER SYSTEMS.—
12 Section 1459A of the Safe Drinking Water Act (42 U.S.C.
13 300j–19a) is amended by adding at the end the following:

14 “(m) CONNECTION TO PUBLIC WATER SYSTEMS.—

15 “(1) DEFINITIONS.—In this subsection:

16 “(A) ELIGIBLE ENTITY.—The term ‘eligi-
17 ble entity’ means—

18 “(i) an owner or operator of a public
19 water system that assists or is seeking to
20 assist eligible individuals with connecting
21 the household of the eligible individual to
22 the public water system; or

23 “(ii) a nonprofit entity that assists or
24 is seeking to assist eligible individuals with
25 the costs associated with connecting the

1 household of the eligible individual to a
2 public water system.

3 “(B) ELIGIBLE INDIVIDUAL.—The term
4 ‘eligible individual’ has the meaning given the
5 term in section 603(j) of the Federal Water
6 Pollution Control Act (33 U.S.C. 1383(j)).

7 “(C) PROGRAM.—The term ‘program’
8 means the competitive grant program estab-
9 lished under paragraph (2).

10 “(2) ESTABLISHMENT.—Subject to the avail-
11 ability of appropriations, the Administrator shall es-
12 tablish a competitive grant program for the purpose
13 of improving the general welfare under which the
14 Administrator awards grants to eligible entities to
15 provide funds to assist eligible individuals in cov-
16 ering the costs incurred by the eligible individual in
17 connecting the household of the eligible individual to
18 a public water system.

19 “(3) APPLICATION.—An eligible entity seeking
20 a grant under the program shall submit to the Ad-
21 ministrator an application at such time, in such
22 manner, and containing such information as the Ad-
23 ministrator may require.

1 “(4) CRITERIA.—In selecting recipients for
2 grants under the program, the Administrator shall
3 consider—

4 “(A) how public health would improve by
5 awarding a grant to a particular eligible entity;

6 “(B) the environmental implications of
7 awarding a grant to a particular eligible entity;

8 “(C) whether it is economically feasible for
9 an eligible entity to provide the assistance de-
10 scribed in paragraph (2); and

11 “(D) whether it is technically feasible for
12 an eligible entity to provide the assistance de-
13 scribed in paragraph (2).

14 “(5) VOLUNTARY CONNECTION.—Before pro-
15 viding funds to an eligible individual for the costs
16 described in paragraph (2), an eligible entity shall
17 ensure and certify to the Administrator that—

18 “(A) the eligible individual is voluntarily
19 seeking connection to the public water system;

20 “(B) if the eligible entity is not the owner
21 or operator of the public water system to which
22 the eligible individual seeks to connect, the pub-
23 lic water system to which the eligible individual
24 seeks to connect has agreed to the connection;
25 and

1 “(C) the connection of the household of the
2 eligible individual to the public water system
3 meets all applicable local and State regulations,
4 requirements, and codes.

5 “(6) REPORT.—Not later than 2 years after the
6 date of enactment of the Drinking Water and
7 Wastewater Infrastructure Act of 2021, the Admin-
8 istrator shall submit to Congress a report that de-
9 scribes the implementation of the program, which
10 shall include a description of the use and deployment
11 of amounts made available under the program.

12 “(7) AUTHORIZATION OF APPROPRIATIONS.—
13 There is authorized to be appropriated to carry out
14 the program \$20,000,000 for each of fiscal years
15 2022 through 2026.”.

16 (c) COMPETITIVE GRANT PILOT PROGRAM.—Section
17 1459A of the Safe Drinking Water Act (42 U.S.C. 300j-
18 19a) (as amended by subsection (b)) is amended by adding
19 at the end the following:

20 “(n) STATE COMPETITIVE GRANTS FOR UNDER-
21 SERVED COMMUNITIES.—

22 “(1) IN GENERAL.—In addition to amounts au-
23 thorized to be appropriated under subsection (k),
24 there is authorized to be appropriated to carry out
25 subsections (a) through (j) \$50,000,000 for each of

1 fiscal years 2022 through 2026 in accordance with
2 paragraph (2).

3 “(2) COMPETITIVE GRANTS.—

4 “(A) IN GENERAL.—Notwithstanding any
5 other provision of this section, the Adminis-
6 trator shall distribute amounts made available
7 under paragraph (1) to States through a com-
8 petitive grant program.

9 “(B) APPLICATIONS.—To seek a grant
10 under the competitive grant program under
11 subparagraph (A), a State shall submit to the
12 Administrator an application at such time, in
13 such manner, and containing such information
14 as the Administrator may require.

15 “(C) CRITERIA.—In selecting recipients of
16 grants under the competitive grant program
17 under subparagraph (A), the Administrator
18 shall establish criteria that give priority to
19 States with a high proportion of underserved
20 communities that meet the condition described
21 in subsection (a)(2)(A).

22 “(3) REPORT.—Not later than 2 years after the
23 date of enactment of the Drinking Water and
24 Wastewater Infrastructure Act of 2021, the Admin-
25 istrator shall submit to Congress a report that de-

1 scribes the implementation of the competitive grant
2 program under paragraph (2)(A), which shall in-
3 clude a description of the use and deployment of
4 amounts made available under the competitive grant
5 program.

6 “(4) SAVINGS PROVISION.—Nothing in this
7 paragraph affects the distribution of amounts made
8 available under subsection (k), including any meth-
9 ods used by the Administrator for distribution of
10 amounts made available under that subsection as in
11 effect on the day before the date of enactment of
12 this subsection.”.

13 **SEC. 105. REDUCING LEAD IN DRINKING WATER.**

14 Section 1459B of the Safe Drinking Water Act (42
15 U.S.C. 300j–19b) is amended—

16 (1) in subsection (d)—

17 (A) by inserting “(except for subsection
18 (d))” after “this section”; and

19 (B) by striking “\$60,000,000 for each of
20 fiscal years 2017 through 2021” and inserting
21 “\$100,000,000 for each of fiscal years 2022
22 through 2026”;

23 (2) by redesignating subsections (d) and (e) as
24 subsections (e) and (f), respectively; and

1 (3) by inserting after subsection (c) the fol-
2 lowing:

3 “(d) LEAD MAPPING UTILIZATION GRANT PILOT
4 PROGRAM.—

5 “(1) DEFINITIONS.—In this subsection:

6 “(A) ELIGIBLE ENTITY.—The term ‘eligi-
7 ble entity’ means a municipality that is served
8 by a community water system or a nontransient
9 noncommunity water system in which not less
10 than 30 percent of the service lines are known,
11 or likely to contain, lead service lines.

12 “(B) PILOT PROGRAM.—The term ‘pilot
13 program’ means the pilot program established
14 under paragraph (2).

15 “(2) ESTABLISHMENT.—The Administrator
16 shall establish a pilot program under which the Ad-
17 ministrator shall provide grants to eligible entities to
18 carry out lead reduction projects that are dem-
19 onstrated to exist based on existing lead mapping of
20 those eligible entities.

21 “(3) SELECTION.—

22 “(A) APPLICATION.—To be eligible to re-
23 ceive a grant under the pilot program, an eligi-
24 ble entity shall submit to the Administrator an
25 application at such time, in such manner, and

1 containing such information as the Adminis-
2 trator may require.

3 “(B) PRIORITIZATION.—In selecting recipi-
4 ents under the pilot program, the Administrator
5 shall give priority to an eligible entity that
6 meets the affordability criteria established by
7 the applicable State.

8 “(4) REPORT.—Not later 2 years after the Ad-
9 ministrator first awards a grant under the pilot pro-
10 gram, the Administrator shall submit to the Com-
11 mittee on Environment and Public Works of the
12 Senate and the Committee on Energy and Com-
13 merce of the House of Representatives a report de-
14 scribing—

15 “(A) the recipients of grants under the
16 pilot program;

17 “(B) the existing lead mapping that was
18 available to recipients of grants under the pilot
19 program; and

20 “(C) how useful and accurate the lead
21 mapping described in subparagraph (B) was in
22 locating lead contaminants of the eligible entity.

23 “(5) AUTHORIZATION OF APPROPRIATIONS.—
24 There is authorized to be appropriated to carry out

1 the pilot program \$10,000,000, to remain available
2 until expended.”.

3 **SEC. 106. OPERATIONAL SUSTAINABILITY OF SMALL PUB-**
4 **LIC WATER SYSTEMS.**

5 Part E of the Safe Drinking Water Act (42 U.S.C.
6 300j et seq.) is amended by adding at the end the fol-
7 lowing:

8 **“SEC. 1459E. OPERATIONAL SUSTAINABILITY OF SMALL**
9 **PUBLIC WATER SYSTEMS.**

10 “(a) DEFINITIONS.—In this section:

11 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-
12 tity’ means—

13 “(A) a unit of local government;

14 “(B) a public corporation established by a
15 unit of local government to provide water serv-
16 ice;

17 “(C) a nonprofit corporation, public trust,
18 or cooperative association that owns or operates
19 a public water system; and

20 “(D) an Indian Tribe that owns or oper-
21 ates a public water system.

22 “(2) OPERATIONAL SUSTAINABILITY.—The
23 term ‘operational sustainability’ means the ability to
24 improve the operation of a small system through the
25 identification and prevention of potable water loss

1 due to leaks, breaks, and other metering or infra-
2 structure failures.

3 “(3) PROGRAM.—The term ‘program’ means
4 the grant program established under subsection (b).

5 “(4) SMALL SYSTEM.—The term ‘small system’
6 means a public water system that—

7 “(A) serves fewer than 10,000 people; and

8 “(B) is owned or operated by—

9 “(i) a unit of local government;

10 “(ii) a public corporation;

11 “(iii) a nonprofit corporation;

12 “(iv) a public trust;

13 “(v) a cooperative association; or

14 “(vi) an Indian Tribe.

15 “(b) ESTABLISHMENT.—Subject to the availability of
16 appropriations, the Administrator shall establish a pro-
17 gram to award grants to eligible entities for the purpose
18 of improving the operational sustainability of 1 or more
19 small systems.

20 “(c) APPLICATIONS.—To be eligible to receive a grant
21 under the program, an eligible entity shall submit to the
22 Administrator an application at such time, in such man-
23 ner, and containing such information as the Administrator
24 may require, including—

1 “(1) a proposal of the project to be carried out
2 using grant funds under the program;

3 “(2) documentation prepared by the eligible en-
4 tity describing the deficiencies or suspected defi-
5 ciencies in operational sustainability of 1 or more
6 small systems that are to be addressed through the
7 proposed project;

8 “(3) a description of how the proposed project
9 will improve the operational sustainability of 1 or
10 more small systems;

11 “(4) a description of how the improvements de-
12 scribed in paragraph (3) will be maintained beyond
13 the life of the proposed project, including a plan to
14 maintain and update any asset data collected as a
15 result of the proposed project;

16 “(5)(A) if the eligible entity is located in a
17 State that has established a State drinking water
18 treatment revolving loan fund under section 1452, a
19 copy of a written agreement between the eligible en-
20 tity and the State in which the eligible entity agrees
21 to provide a copy of any data collected under the
22 proposed project to the State agency administering
23 the State drinking water treatment revolving loan
24 fund (or a designee); or

1 “(3) the deployment of leak detection tech-
2 nology;

3 “(4) the deployment of metering technology;

4 “(5) training in asset management strategies,
5 techniques, and technologies for appropriate staff
6 employed by—

7 “(A) the eligible entity; or

8 “(B) the small systems for which the grant
9 was received;

10 “(6) the deployment of strategies, techniques,
11 and technologies to enhance the operational sustain-
12 ability and effective use of water resources through
13 water reuse; and

14 “(7) the development or deployment of other
15 strategies, techniques, or technologies that the Ad-
16 ministrator may determine to be appropriate under
17 the program.

18 “(e) COST SHARE.—

19 “(1) IN GENERAL.—Subject to paragraph (2),
20 the Federal share of the cost of a project carried out
21 using a grant under the program shall be 90 percent
22 of the total cost of the project.

23 “(2) WAIVER.—The Administrator may in-
24 crease the Federal share under paragraph (1) to 100
25 percent.

1 “(f) REPORT.—Not later than 2 years after the date
2 of enactment of the Drinking Water and Wastewater In-
3 frastructure Act of 2021, the Administrator shall submit
4 to Congress a report that describes the implementation of
5 the program, which shall include a description of the use
6 and deployment of amounts made available under the pro-
7 gram.

8 “(g) AUTHORIZATION OF APPROPRIATIONS.—There
9 is authorized to be appropriated to carry out this section
10 \$50,000,000 for each of fiscal years 2022 through 2026.”.

11 **SEC. 107. MIDSIZE AND LARGE DRINKING WATER SYSTEM**
12 **INFRASTRUCTURE RESILIENCE AND SUS-**
13 **TAINABILITY PROGRAM.**

14 Part E of the Safe Drinking Water Act (42 U.S.C.
15 300j et seq.) (as amended by section 106) is amended by
16 adding at the end the following:

17 **“SEC. 1459F. MIDSIZE AND LARGE DRINKING WATER SYS-**
18 **TEM INFRASTRUCTURE RESILIENCE AND**
19 **SUSTAINABILITY PROGRAM.**

20 “(a) DEFINITIONS.—In this section:

21 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-
22 tity’ means a public water system that serves a com-
23 munity with a population of greater than 10,000.

1 “(2) NATURAL HAZARD; RESILIENCE.—The
2 terms ‘resilience’ and ‘natural hazard’ have the
3 meanings given those terms in section 1433(h).

4 “(3) RESILIENCE AND SUSTAINABILITY PRO-
5 GRAM.—The term ‘resilience and sustainability pro-
6 gram’ means the Midsize and Large Drinking Water
7 System Infrastructure Resilience and Sustainability
8 Program established under subsection (b).

9 “(b) ESTABLISHMENT.—The Administrator shall es-
10 tablish and carry out a program, to be known as the
11 ‘Midsize and Large Drinking Water System Infrastruc-
12 ture Resilience and Sustainability Program’, under which
13 the Administrator, subject to the availability of appropria-
14 tions for the resilience and sustainability program, shall
15 award grants to eligible entities for the purpose of increas-
16 ing resilience to natural hazards, cybersecurity threats,
17 and extreme weather events.

18 “(c) USE OF FUNDS.—An eligible entity may only
19 use grant funds received under the resilience and sustain-
20 ability program to assist in the planning, design, construc-
21 tion, implementation, operation, or maintenance of a pro-
22 gram or project that increases resilience to natural haz-
23 ards, cybersecurity threats, or extreme weather events
24 through—

1 “(1) the conservation of water or the enhance-
2 ment of water-use efficiency;

3 “(2) the modification or relocation of existing
4 drinking water system infrastructure made, or that
5 is at risk of being, significantly impaired by natural
6 hazards or extreme weather events, including risks
7 to drinking water from flooding;

8 “(3) the design or construction of new or modi-
9 fied desalination facilities to serve existing commu-
10 nities;

11 “(4) the enhancement of water supply through
12 the use of watershed management and source water
13 protection;

14 “(5) the enhancement of energy efficiency or
15 the use and generation of renewable energy in the
16 conveyance or treatment of drinking water;

17 “(6) the development and implementation of
18 measures to increase the resilience of the eligible en-
19 tity to natural hazards, cybersecurity threats, or ex-
20 treme weather events; or

21 “(7) the conservation of water or the enhance-
22 ment of a water supply through the implementation
23 of water reuse measures.

24 “(d) APPLICATION.—To seek a grant under the resil-
25 ience and sustainability program, an eligible entity shall

1 submit to the Administrator an application at such time,
2 in such manner, and containing such information as the
3 Administrator may require, including—

4 “(1) a proposal of the program or project to be
5 planned, designed, constructed, implemented, oper-
6 ated, or maintained by the eligible entity;

7 “(2) an identification of the natural hazard risk
8 or potential cybersecurity threat, as applicable, to be
9 addressed by the proposed program or project;

10 “(3) documentation prepared by a Federal,
11 State, regional, or local government agency of the
12 natural hazard risk, potential cybersecurity threat,
13 or risk for extreme weather events to the area where
14 the proposed program or project is to be located;

15 “(4) a description of any recent natural haz-
16 ards, cybersecurity events, or extreme weather
17 events that have affected the community water sys-
18 tem of the eligible entity;

19 “(5) a description of how the proposed program
20 or project would improve the performance of the
21 community water system of the eligible entity under
22 the anticipated natural hazards, cybersecurity
23 threats, or extreme weather events; and

24 “(6) an explanation of how the proposed pro-
25 gram or project is expected to enhance the resilience

1 of the community water system of the eligible entity
2 to the anticipated natural hazards, cybersecurity
3 threats, or extreme weather events.

4 “(e) REPORT.—Not later than 2 years after the date
5 of enactment of the Drinking Water and Wastewater In-
6 frastructure Act of 2021, the Administrator shall submit
7 to Congress a report that describes the implementation of
8 the resilience and sustainability program, which shall in-
9 clude a description of the use and deployment of amounts
10 made available to carry out the resilience and sustain-
11 ability program.

12 “(f) AUTHORIZATION OF APPROPRIATIONS.—

13 “(1) IN GENERAL.—There is authorized to be
14 appropriated to carry out the resilience and sustain-
15 ability program \$50,000,000 for each of fiscal years
16 2022 through 2026.

17 “(2) USE OF FUNDS.—Of the amounts made
18 available under paragraph (1) for grants to eligible
19 entities under the resilience and sustainability pro-
20 gram—

21 “(A) 50 percent shall be used to provide
22 grants to eligible entities that serve a popu-
23 lation of—

24 “(i) greater than 10,000; and

25 “(ii) fewer than 100,000; and

1 “(B) 50 percent shall be used to provide
2 grants to eligible entities that serve a popu-
3 lation equal to or greater than 100,000.

4 “(3) ADMINISTRATIVE COSTS.—Of the amounts
5 made available under paragraph (1), not more than
6 2 percent may be used by the Administrator for the
7 administrative costs of carrying out the resilience
8 and sustainability program.”.

9 **SEC. 108. NEEDS ASSESSMENT FOR NATIONWIDE RURAL**
10 **AND URBAN LOW-INCOME COMMUNITY**
11 **WATER ASSISTANCE.**

12 Part E of the Safe Drinking Water Act (42 U.S.C.
13 300j et seq.) (as amended by section 107) is amended by
14 adding at the end the following:

15 **“SEC. 1459G. NEEDS ASSESSMENT FOR NATIONWIDE RURAL**
16 **AND URBAN LOW-INCOME COMMUNITY**
17 **WATER ASSISTANCE.**

18 “(a) DEFINITION OF LOW-INCOME HOUSEHOLD.—In
19 this section, the term ‘low-income household’ means a
20 household that has an income that, as determined by the
21 State in which the household is located, does not exceed
22 the greater of—

23 “(1) an amount equal to 150 percent of the
24 poverty level of that State; and

1 “(2) an amount equal to 60 percent of the
2 State median income for that State.

3 “(b) STUDY; REPORT.—

4 “(1) IN GENERAL.—Subject to the availability
5 of appropriations, not later than 2 years after the
6 date of enactment of this section, the Administrator
7 shall conduct, and submit to Congress a report de-
8 scribing the results of, a study regarding the preva-
9 lence throughout the United States of low-income
10 households, including low-income renters, that spend
11 a disproportionate amount of household income on
12 public drinking water services to meet household
13 needs.

14 “(2) INCLUSIONS.—The report under para-
15 graph (1) shall include—

16 “(A) recommendations of the Adminis-
17 trator regarding the best methods to increase
18 access to affordable and reliable drinking water
19 services;

20 “(B) a description of the cost of each
21 method described in subparagraph (A); and

22 “(C) with respect to the development of
23 the report, a consultation with all relevant
24 stakeholders.

1 (II) by striking the period at the
2 end and inserting “; and”;

3 (III) by striking “grants avail-
4 able to States” and inserting the fol-
5 lowing: “grants available to—
6 “(i) States”; and

7 (IV) by adding at the end the fol-
8 lowing:

9 “(ii) tribal consortia to assist tribal
10 education agencies (as defined in section 3
11 of the National Environmental Education
12 Act (20 U.S.C. 5502)) in voluntary testing
13 for lead contamination in drinking water at
14 schools and child care programs under the
15 jurisdiction of the tribal education agen-
16 cy.”;

17 (ii) in subparagraph (B)—

18 (I) in clause (i), by striking “or”
19 at the end;

20 (II) in clause (ii), by striking the
21 period at the end and inserting a
22 semicolon; and

23 (III) by adding at the end the
24 following:

1 “(iii) any public water system that is
2 located in a State that does not participate
3 in the voluntary grant program established
4 under subparagraph (A) that—

5 “(I) assists schools or child care
6 programs in lead testing; or

7 “(II) provides technical assist-
8 ance to schools or child care programs
9 in carrying out lead testing; or

10 “(iv) a qualified nonprofit organiza-
11 tion, as determined by the Administrator.”;

12 (B) in paragraphs (3), (5), (6), and (7), by
13 striking “State or local educational agency”
14 each place it appears and inserting “State, local
15 educational agency, public water system, tribal
16 consortium, or qualified nonprofit organiza-
17 tion”;

18 (C) in paragraph (4), by striking “States
19 and local educational agencies” and inserting
20 “States, local educational agencies, public water
21 systems, tribal consortia, and qualified non-
22 profit organizations”;

23 (D) in paragraph (6)—

24 (i) in the matter preceding subpara-
25 graph (A), by inserting “, public water sys-

1 tem, tribal consortium, or qualified non-
2 profit organization” after “each local edu-
3 cational agency”;

4 (ii) in subparagraph (A)(ii), by insert-
5 ing “or tribal” after “applicable State”;
6 and

7 (iii) in subparagraph (B)(i), by insert-
8 ing “applicable” before “local educational
9 agency”; and

10 (E) by striking paragraph (8) and insert-
11 ing the following:

12 “(8) AUTHORIZATION OF APPROPRIATIONS.—

13 There are authorized to be appropriated to carry out
14 this subsection—

15 “(A) \$30,000,000 for each of fiscal years
16 2022 through 2024;

17 “(B) \$40,000,000 for fiscal year 2025; and

18 “(C) \$50,000,000 for fiscal year 2026.”.

19 **SEC. 110. INDIAN RESERVATION DRINKING WATER PRO-**
20 **GRAM.**

21 Section 2001 of the America’s Water Infrastructure
22 Act of 2018 (42 U.S.C. 300j–3e note; Public Law 115–
23 270) is amended—

24 (1) in subsection (a)—

1 (A) in the matter preceding paragraph (1),
2 by striking “Subject to the availability of appro-
3 priations, the Administrator of the Environ-
4 mental Protection Agency” and inserting “The
5 Administrator of the Environmental Protection
6 Agency (referred to in this section as the ‘Ad-
7 ministrator’)”; and

8 (B) by striking “to implement” in the mat-
9 ter preceding paragraph (1) and all that follows
10 through the period at the end of paragraph (2)
11 and inserting “to implement eligible projects
12 described in subsection (b).”;

13 (2) by redesignating subsection (d) as sub-
14 section (f);

15 (3) by striking subsection (c) and inserting the
16 following:

17 “(c) REQUIRED PROJECTS.—

18 “(1) IN GENERAL.—If sufficient applications
19 exist, of the funds made available to carry out this
20 section, the Administrator shall use 50 percent to
21 carry out—

22 “(A) 10 eligible projects described in sub-
23 section (b) that are within the Upper Missouri
24 River Basin;

1 “(B) 10 eligible projects described in sub-
2 section (b) that are within the Upper Rio
3 Grande Basin;

4 “(C) 10 eligible projects described in sub-
5 section (b) that are within the Columbia River
6 Basin; and

7 “(D) 10 eligible projects described in sub-
8 section (b) that are within the Lower Colorado
9 River Basin.

10 “(2) REQUIREMENT.—In carrying out para-
11 graph (1)(A), the Administrator shall select not
12 fewer than 2 eligible projects for a reservation that
13 serves more than 1 federally recognized Indian
14 Tribe.

15 “(d) FEDERAL SHARE.—The Federal share of the
16 cost of a project carried out under this section shall be
17 100 percent.

18 “(e) REPORT.—Not later than 2 years after the date
19 of enactment of the Drinking Water and Wastewater In-
20 frastructure Act of 2021, the Administrator shall submit
21 to Congress a report that describes the implementation of
22 the program established under subsection (a), which shall
23 include a description of the use and deployment of
24 amounts made available under that program.”; and

25 (4) in subsection (f) (as so redesignated)—

1 (A) by striking “There is” and inserting
2 “There are”;

3 (B) by striking “subsection (a)
4 \$20,000,000” and inserting the following: “sub-
5 section (a)—
6 “(1) \$20,000,000”;

7 (C) in paragraph (1) (as so designated), by
8 striking “2022.” and inserting “2021; and”;
9 and

10 (D) by adding at the end the following:
11 “(2) \$50,000,000 for each of fiscal years 2022
12 through 2026.”.

13 **SEC. 111. ADVANCED DRINKING WATER TECHNOLOGIES.**

14 Part E of the Safe Drinking Water Act (42 U.S.C.
15 300j et seq.) (as amended by section 108) is amended by
16 adding at the end the following:

17 **“SEC. 1459H. ADVANCED DRINKING WATER TECHNOLOGIES.**

18 “(a) STUDY.—

19 “(1) IN GENERAL.—Subject to the availability
20 of appropriations, not later than 1 year after the
21 date of enactment of the Drinking Water and
22 Wastewater Infrastructure Act of 2021, the Admin-
23 istrator shall carry out a study that examines the
24 state of existing and potential future technology, in-
25 cluding technology that could address cybersecurity

1 threats, that enhances or could enhance the treat-
2 ment, monitoring, affordability, efficiency, and safe-
3 ty of drinking water provided by a public water sys-
4 tem.

5 “(2) REPORT.—The Administrator shall submit
6 to the Committee on Environment and Public Works
7 of the Senate and the Committee on Energy and
8 Commerce of the House of Representatives a report
9 that describes the results of the study under para-
10 graph (1).

11 “(b) ADVANCED DRINKING WATER TECHNOLOGY
12 GRANT PROGRAM.—

13 “(1) DEFINITIONS.—In this subsection:

14 “(A) ELIGIBLE ENTITY.—The term ‘eligi-
15 ble entity’ means the owner or operator of a
16 public water system that—

17 “(i) serves—

18 “(I) a population of not more
19 than 100,000 people; or

20 “(II) an underserved community;

21 “(ii) has plans to identify or has iden-
22 tified opportunities in the operations of the
23 public water system to employ new or
24 emerging, yet proven, technologies, includ-
25 ing technology that could address cyberse-

1 curity threats, as determined by the Ad-
2 ministrators, that enhance treatment, moni-
3 toring, affordability, efficiency, or safety of
4 the drinking water provided by the public
5 water system, including technologies not
6 identified in the study conducted under
7 subsection (a)(1); and

8 “(iii) has expressed an interest in the
9 opportunities in the operation of the public
10 water system to employ new or emerging,
11 yet proven, technologies, including tech-
12 nology that could address cybersecurity
13 threats, as determined by the Adminis-
14 trator, that enhance treatment, moni-
15 toring, affordability, efficiency, or safety of
16 the drinking water provided by the public
17 water system, including technologies not
18 identified in the study conducted under
19 subsection (a)(1).

20 “(B) PROGRAM.—The term ‘program’
21 means the competitive grant program estab-
22 lished under paragraph (2).

23 “(C) UNDERSERVED COMMUNITY.—The
24 term ‘underserved community’ means a political
25 subdivision of a State that, as determined by

1 the Administrator, has an inadequate system
2 for obtaining drinking water.

3 “(2) ESTABLISHMENT.—The Administrator
4 shall establish a competitive grant program under
5 which the Administrator shall award grants to eligi-
6 ble entities for the purpose of identifying, deploying,
7 or identifying and deploying technologies described
8 in paragraph (1)(A)(ii).

9 “(3) REQUIREMENTS.—

10 “(A) APPLICATIONS.—To be eligible to re-
11 ceive a grant under the program, an eligible en-
12 tity shall submit to the Administrator an appli-
13 cation at such time, in such manner, and con-
14 taining such information as the Administrator
15 may require.

16 “(B) FEDERAL SHARE.—

17 “(i) IN GENERAL.—Subject to clause
18 (ii), the Federal share of the cost of a
19 project carried out using a grant under the
20 program shall not exceed 90 percent of the
21 total cost of the project.

22 “(ii) WAIVER.—The Administrator
23 may increase the Federal share under
24 clause (i) to 100 percent if the Adminis-
25 trator determines that an eligible entity is

1 unable to pay, or would experience signifi-
2 cant financial hardship if required to pay,
3 the non-Federal share.

4 “(4) REPORT.—Not later than 1 year after the
5 date on which Administrator first awards a grant
6 under the program, and annually thereafter, the Ad-
7 ministrator shall submit to Congress a report de-
8 scribing—

9 “(A) each recipient of a grant under the
10 program during the previous 1-year period; and

11 “(B) a summary of the activities carried
12 out using grants awarded under the program.

13 “(5) FUNDING.—

14 “(A) AUTHORIZATION OF APPROPRIA-
15 TIONS.—There is authorized to be appropriated
16 to carry out the program \$10,000,000 for each
17 of fiscal years 2022 through 2026, to remain
18 available until expended.

19 “(B) ADMINISTRATIVE COSTS.—Not more
20 than 2 percent of the amount made available
21 for a fiscal year under subparagraph (A) to
22 carry out the program may be used by the Ad-
23 ministrator for the administrative costs of car-
24 rying out the program.”.

1 **TITLE II—CLEAN WATER**

2 **SEC. 201. RESEARCH, INVESTIGATIONS, TRAINING, AND IN-**
3 **FORMATION.**

4 (a) REAUTHORIZATION.—Section 104(u) of the Fed-
5 eral Water Pollution Control Act (33 U.S.C. 1254(u)) is
6 amended—

7 (1) by striking “and (7)” and inserting “(7)”;

8 and

9 (2) in paragraph (7)—

10 (A) by striking “2023” and inserting
11 “2021”; and

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

19 (b) REPORT.—Not later than 2 years after the date
20 of enactment of this Act, the Administrator shall submit
21 to Congress a report that describes the implementation of
22 the grants authorized under subsections (b)(3), (b)(8),
23 and (g) of section 104 of the Federal Water Pollution Con-
24 trol Act (33 U.S.C. 1254), which shall include a descrip-

1 tion of the use and deployment of amounts made available
2 to carry out those subsections.

3 **SEC. 202. WASTEWATER EFFICIENCY GRANT PILOT PRO-**
4 **GRAM.**

5 (a) DEFINITIONS.—In this section:

6 (1) PILOT PROGRAM.—The term “pilot pro-
7 gram” means the wastewater efficiency grant pilot
8 program established under subsection (b).

9 (2) TREATMENT WORKS.—The term “treatment
10 works” has the meaning given the term in section
11 212 of the Federal Water Pollution Control Act (33
12 U.S.C. 1292).

13 (b) ESTABLISHMENT.—Subject to the availability of
14 appropriations, the Administrator shall establish a waste-
15 water efficiency grant pilot program to award grants to
16 owners or operators of publicly owned treatment works to
17 carry out projects that create or improve waste-to-energy
18 systems.

19 (c) SELECTION.—

20 (1) APPLICATIONS.—To be eligible to receive a
21 grant under the pilot program, an owner or operator
22 of a treatment works shall submit to the Adminis-
23 trator an application at such time, in such manner,
24 and containing such information as the Adminis-
25 trator may require.

1 (2) NUMBER OF RECIPIENTS.—The Adminis-
2 trator shall select not more than 15 recipients of
3 grants under the pilot program from applications
4 submitted under paragraph (1).

5 (d) USE OF FUNDS.—

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

9 (A) sludge collection;

10 (B) installation of anaerobic digesters;

11 (C) methane capture;

12 (D) methane transfer;

13 (E) facility upgrades and retrofits nec-
14 essary to create or improve waste-to-energy sys-
15 tems; and

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

18 (2) LIMITATION.—A grant to a recipient under
19 the pilot program shall be not more than
20 \$4,000,000.

21 (e) REPORTS.—

22 (1) REPORT TO THE ADMINISTRATOR.—Not
23 later than 1 year after receiving a grant under the
24 pilot program and each year thereafter for which
25 amounts are made available for the pilot program

1 under subsection (f), the recipient of the grant shall
2 submit to the Administrator a report describing the
3 impact of that project on the communities within 3
4 miles of the treatment works.

5 (2) REPORT TO CONGRESS.—Not later than 1
6 year after first awarding grants under the pilot pro-
7 gram and each year thereafter for which amounts
8 are made available for the pilot program under sub-
9 section (f), the Administrator shall submit to Con-
10 gress a report describing—

11 (A) the applications received by the Ad-
12 ministrator for grants under the pilot program;
13 and

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

16 (f) AUTHORIZATION OF APPROPRIATIONS.—

17 (1) IN GENERAL.—There is authorized to be
18 appropriated to carry out the pilot program
19 \$20,000,000 for each of fiscal years 2022 through
20 2026, to remain available until expended.

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

1 **SEC. 203. PILOT PROGRAM FOR ALTERNATIVE WATER**
2 **SOURCE PROJECTS.**

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

5 (1) in subsection (b), in the heading, by strik-
6 ing “IN GENERAL” and inserting “ESTABLISH-
7 MENT”;

8 (2) in subsection (d)—

9 (A) by striking paragraph (2); and

10 (B) by redesignating paragraph (3) as
11 paragraph (2);

12 (3) by striking subsection (e);

13 (4) in subsection (i)—

14 (A) in the matter preceding paragraph (1),
15 by striking “, the following definitions apply”;
16 and

17 (B) in paragraph (1), in the first sentence,
18 by striking “water or wastewater or by treating
19 wastewater” and inserting “water, wastewater,
20 or stormwater or by treating wastewater or
21 stormwater”;

22 (5) in subsection (j)—

23 (A) in the first sentence, by striking
24 “There is” and inserting the following:

25 “(1) IN GENERAL.—There is”;

1 (B) in paragraph (1) (as so designated), by
2 striking “a total of \$75,000,000 for fiscal years
3 2002 through 2004. Such sums shall” and in-
4 serting “\$25,000,000 for each of fiscal years
5 2022 through 2026, to”; and

6 (C) by adding at the end the following:

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

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

15 **SEC. 204. SEWER OVERFLOW AND STORMWATER REUSE**
16 **MUNICIPAL GRANTS.**

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

19 (1) in subsection (a)(1) —

20 (A) in subparagraph (A), by striking
21 “and” at the end;

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

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

1 “(B) notification systems to inform the
2 public of combined sewer or sanitary overflows
3 that result in sewage being released into rivers
4 and other waters; and”;

5 (2) in subsection (d)—

6 (A) in the second sentence, by striking
7 “The non-Federal share of the cost” and insert-
8 ing the following:

9 “(3) TYPES OF NON-FEDERAL SHARE.—The
10 applicable non-Federal share of the cost under this
11 subsection”;

12 (B) in the first sentence, by striking “The
13 Federal” and inserting the following:

14 “(1) IN GENERAL.—Subject to paragraph (2),
15 the Federal”; and

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

18 “(2) FEDERAL SHARE FOR RURAL OR FINAN-
19 CIALLY DISTRESSED COMMUNITIES.—

20 “(A) IN GENERAL.—Subject to subpara-
21 graph (B), the Federal share of the cost of an
22 activity carried out using amounts from a grant
23 under subsection (a) in a rural community or a
24 financially distressed community (as those

1 terms are defined in subsection (f)(2)(B)(i)
2 shall be 90 percent.

3 “(B) WAIVER.—The Administrator may
4 increase the Federal share under subparagraph
5 (A) to 100 percent.”;

6 (3) in subsection (f)—

7 (A) by striking paragraph (1) and insert-
8 ing the following:

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

12 (B) in paragraph (2)—

13 (i) by striking “To the extent” and in-
14 serting the following:

15 “(A) GREEN INFRASTRUCTURE.—To the
16 extent”; and

17 (ii) by adding at the end the fol-
18 lowing:

19 “(B) RURAL OR FINANCIALLY DISTRESSED
20 COMMUNITY ALLOCATION.—

21 “(i) DEFINITIONS.—In this subpara-
22 graph:

23 “(I) FINANCIALLY DISTRESSED
24 COMMUNITY.—The term ‘financially
25 distressed community’ has the mean-

1 ing given the term in subsection
2 (c)(1).

3 “(II) RURAL COMMUNITY.—The
4 term ‘rural community’ means a city,
5 town, or unincorporated area that has
6 a population of not more than 10,000
7 inhabitants.

8 “(ii) ALLOCATION.—

9 “(I) IN GENERAL.—To the extent
10 there are sufficient eligible project ap-
11 plications, the Administrator shall en-
12 sure that a State uses not less than
13 25 percent of the amount of the
14 grants made to the State under sub-
15 section (a) in a fiscal year to carry
16 out projects in rural communities or
17 financially distressed communities for
18 the purpose of planning, design, and
19 construction of—

20 “(aa) treatment works to
21 intercept, transport, control,
22 treat, or reuse municipal sewer
23 overflows, sanitary sewer over-
24 flows, or stormwater; or

1 “(2) USE OF FUNDS.—Not later than 2 years
2 after the date of enactment of the Drinking Water
3 and Wastewater Infrastructure Act of 2021, the Ad-
4 ministrator shall submit to the Committee on Envi-
5 ronment and Public Works of the Senate and the
6 Committee on Transportation and Infrastructure of
7 the House of Representatives a report that describes
8 the implementation of the grant program under this
9 section, which shall include a description of the use
10 and deployment of amounts made available under
11 the program.”.

12 **SEC. 205. CLEAN WATER INFRASTRUCTURE RESILIENCY**
13 **AND SUSTAINABILITY PROGRAM.**

14 Title II of the Federal Water Pollution Control Act
15 (33 U.S.C. 1281 et seq.) is amended by adding at the end
16 the following:

17 **“SEC. 222. CLEAN WATER INFRASTRUCTURE RESILIENCY**
18 **AND SUSTAINABILITY PROGRAM.**

19 “(a) DEFINITIONS.—In this section:

20 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-
21 tity’ means—

22 “(A) a municipality; or

23 “(B) an intermunicipal, interstate, or State
24 agency.

1 “(2) NATURAL HAZARD.—The term ‘natural
2 hazard’ means a hazard caused by natural forces, in-
3 cluding extreme weather events, sea-level rise, and
4 extreme drought conditions.

5 “(3) PROGRAM.—The term ‘program’ means
6 the clean water infrastructure resilience and sustain-
7 ability program established under subsection (b).

8 “(b) ESTABLISHMENT.—Subject to the availability of
9 appropriations, the Administrator shall establish a clean
10 water infrastructure resilience and sustainability program
11 under which the Administrator shall award grants to eligi-
12 ble entities for the purpose of increasing the resilience of
13 publicly owned treatment works to a natural hazard or a
14 cybersecurity threat.

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

21 “(1) the conservation of water;

22 “(2) the enhancement of water use efficiency;

23 “(3) the enhancement of wastewater and
24 stormwater management by increasing watershed

1 preservation and protection, including through the
2 use of—

3 “(A) natural and engineered green infra-
4 structure; and

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

7 “(4) the modification or relocation of an exist-
8 ing publicly owned treatment works, conveyance, or
9 discharge system component that is at risk of being
10 significantly impaired or damaged by a natural haz-
11 ard;

12 “(5) the development and implementation of
13 projects to increase the resilience of publicly owned
14 treatment works to a natural hazard or a cybersecu-
15 rity threat, as applicable; or

16 “(6) the enhancement of energy efficiency or
17 the use and generation of recovered or renewable en-
18 ergy in the management, treatment, or conveyance
19 of wastewater or stormwater.

20 “(d) APPLICATION.—To be eligible to receive a grant
21 under the program, an eligible entity shall submit to the
22 Administrator an application at such time, in such man-
23 ner, and containing such information as the Administrator
24 may require, including—

1 “(1) a proposal of the project to be planned, de-
2 signed, or constructed using funds under the pro-
3 gram;

4 “(2) an identification of the natural hazard risk
5 or potential cybersecurity threat, as applicable, to be
6 addressed by the proposed project;

7 “(3) documentation prepared by a Federal,
8 State, regional, or local government agency of the
9 natural hazard risk or potential cybersecurity threat,
10 as applicable, of the area where the proposed project
11 is to be located;

12 “(4) a description of any recent natural hazard
13 events or cybersecurity threats that have affected
14 the publicly owned treatment works;

15 “(5) a description of how the proposed project
16 would improve the performance of the publicly
17 owned treatment works under an anticipated natural
18 hazard or cybersecurity threat, as applicable; and

19 “(6) an explanation of how the proposed project
20 is expected to enhance the resilience of the publicly
21 owned treatment works to an anticipated natural
22 hazard or cybersecurity threat, as applicable.

23 “(e) GRANT AMOUNT AND OTHER FEDERAL RE-
24 QUIREMENTS.—

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

5 “(2) EXCEPTION.—

6 “(A) IN GENERAL.—Except as provided in
7 subparagraph (B), a grant under the program
8 shall not exceed 90 percent of the total cost of
9 the proposed project if the project serves a com-
10 munity that—

11 “(i) has a population of fewer than
12 10,000 individuals; or

13 “(ii) meets the affordability criteria
14 established by the State in which the com-
15 munity is located under section 603(i)(2).

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

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

23 “(f) REPORT.—Not later than 2 years after the date
24 of enactment of the Drinking Water and Wastewater In-
25 frastructure Act of 2021, the Administrator shall submit

1 to Congress a report that describes the implementation of
2 the program, which shall include—

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

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

9 “(g) AUTHORIZATION OF APPROPRIATIONS.—

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

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

17 **SEC. 206. SMALL AND MEDIUM PUBLICLY OWNED TREAT-**
18 **MENT WORKS CIRCUIT RIDER PROGRAM.**

19 Title II of the Federal Water Pollution Control Act
20 (33 U.S.C. 1281 et seq.) (as amended by section 205) is
21 amended by adding at the end the following:

22 **“SEC. 223. SMALL AND MEDIUM PUBLICLY OWNED TREAT-**
23 **MENT WORKS CIRCUIT RIDER PROGRAM.**

24 “(a) ESTABLISHMENT.—Subject to the availability of
25 appropriations, not later than 180 days after the date of

1 enactment of this section, the Administrator shall estab-
2 lish a circuit rider program (referred to in this section as
3 the ‘circuit rider program’) under which the Administrator
4 shall award grants to qualified nonprofit entities, as deter-
5 mined by the Administrator, to provide assistance to own-
6 ers and operators of small and medium publicly owned
7 treatment works to carry out the activities described in
8 section 602(b)(13).

9 “(b) LIMITATION.—A grant provided under the cir-
10 cuit rider program shall be in an amount that is not more
11 than \$75,000.

12 “(c) REPORT.—Not later than 180 days after the
13 date on which the Administrator establishes the circuit
14 rider program, and every 180 days thereafter, the Admin-
15 istrator shall submit to Congress a report describing—

16 “(1) each recipient of a grant under the circuit
17 rider program; and

18 “(2) a summary of the activities carried out
19 under the circuit rider program.

20 “(d) AUTHORIZATION OF APPROPRIATIONS.—

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

24 “(2) LIMITATION ON USE OF FUNDS.—Of the
25 amounts made available for grants under paragraph

1 (1), not more than 2 percent may be used to pay the
2 administrative costs of the Administrator.”.

3 **SEC. 207. SMALL PUBLICLY OWNED TREATMENT WORKS**
4 **EFFICIENCY GRANT PROGRAM.**

5 Title II of the Federal Water Pollution Control Act
6 (33 U.S.C. 1281 et seq.) (as amended by section 206) is
7 amended by adding at the end the following:

8 **“SEC. 224. SMALL PUBLICLY OWNED TREATMENT WORKS**
9 **EFFICIENCY GRANT PROGRAM.**

10 “(a) ESTABLISHMENT.—Subject to the availability of
11 appropriations, not later than 180 days after the date of
12 enactment of this section, the Administrator shall estab-
13 lish an efficiency grant program (referred to in this section
14 as the ‘efficiency grant program’) under which the Admin-
15 istrator shall award grants to eligible entities for the re-
16 placement or repair of equipment that improves water or
17 energy efficiency of small publicly owned treatment works,
18 as identified in an efficiency audit.

19 “(b) ELIGIBLE ENTITIES.—The Administrator may
20 award a grant under the efficiency grant program to an
21 owner or operator of a small publicly owned treatment
22 works that serves—

23 “(1) a population of not more than 10,000 peo-
24 ple; or

25 “(2) a disadvantaged community.

1 “(c) REPORT.—Not later than 180 days after the
2 date on which the Administrator establishes the efficiency
3 grant program, and every 180 days thereafter, the Admin-
4 istrator shall submit to Congress a report describing—

5 “(1) each recipient of a grant under the effi-
6 ciency grant program; and

7 “(2) a summary of the activities carried out
8 under the efficiency grant program.

9 “(d) USE OF FUNDS.—

10 “(1) SMALL SYSTEMS.—Of the amounts made
11 available for grants under this section, to the extent
12 that there are sufficient applications, not less than
13 15 percent shall be used for grants to publicly owned
14 treatment works that serve fewer than 3,300 people.

15 “(2) LIMITATION ON USE OF FUNDS.—Of the
16 amounts made available for grants under this sec-
17 tion, not more than 2 percent may be used to pay
18 the administrative costs of the Administrator.”.

1 **SEC. 208. GRANTS FOR CONSTRUCTION, REFURBISHING,**
2 **AND SERVICING OF INDIVIDUAL HOUSEHOLD**
3 **DECENTRALIZED WASTEWATER SYSTEMS**
4 **FOR INDIVIDUALS WITH LOW OR MODERATE**
5 **INCOME.**

6 Title II of the Federal Water Pollution Control Act
7 (33 U.S.C. 1281 et seq.) (as amended by section 207) is
8 amended by adding at the end the following:

9 **“SEC. 225. GRANTS FOR CONSTRUCTION, REFURBISHING,**
10 **AND SERVICING OF INDIVIDUAL HOUSEHOLD**
11 **DECENTRALIZED WASTEWATER SYSTEMS**
12 **FOR INDIVIDUALS WITH LOW OR MODERATE**
13 **INCOME.**

14 “(a) DEFINITION OF ELIGIBLE INDIVIDUAL.—In this
15 section, the term ‘eligible individual’ means a member of
16 a low-income or moderate-income household, the members
17 of which have a combined income (for the most recent 12-
18 month period for which information is available) equal to
19 not more than 50 percent of the median nonmetropolitan
20 household income for the State or territory in which the
21 household is located, according to the most recent decen-
22 nial census.

23 “(b) GRANT PROGRAM.—

24 “(1) IN GENERAL.—Subject to the availability
25 of appropriations, the Administrator shall establish a
26 program under which the Administrator shall pro-

1 vide grants to private nonprofit organizations for the
2 purpose of improving general welfare by providing
3 assistance to eligible individuals—

4 “(A) for the construction, repair, or re-
5 placement of an individual household decentral-
6 ized wastewater treatment system; or

7 “(B) for the installation of a larger decen-
8 tralized wastewater system designed to provide
9 treatment for 2 or more households in which el-
10 igible individuals reside, if—

11 “(i) site conditions at the households
12 are unsuitable for the installation of an in-
13 dividually owned decentralized wastewater
14 system;

15 “(ii) multiple examples of unsuitable
16 site conditions exist in close geographic
17 proximity to each other; and

18 “(iii) a larger decentralized waste-
19 water system could be cost-effectively in-
20 stalled.

21 “(2) APPLICATION.—To be eligible to receive a
22 grant under this subsection, a private nonprofit or-
23 ganization shall submit to the Administrator an ap-
24 plication at such time, in such manner, and con-

1 taining such information as the Administrator deter-
2 mines to be appropriate.

3 “(3) PRIORITY.—In awarding grants under this
4 subsection, the Administrator shall give priority to
5 applicants that have substantial expertise and expe-
6 rience in promoting the safe and effective use of in-
7 dividual household decentralized wastewater systems.

8 “(4) ADMINISTRATIVE EXPENSES.—A private
9 nonprofit organization may use amounts provided
10 under this subsection to pay the administrative ex-
11 penses associated with the provision of the services
12 described in paragraph (1), as the Administrator de-
13 termines to be appropriate.

14 “(c) ASSISTANCE.—

15 “(1) IN GENERAL.—Subject to paragraph (2), a
16 private nonprofit organization shall use a grant pro-
17 vided under subsection (b) for the services described
18 in paragraph (1) of that subsection.

19 “(2) APPLICATION.—To be eligible to receive
20 the services described in subsection (b)(1), an eligi-
21 ble individual shall submit to the private nonprofit
22 organization serving the area in which the individual
23 household decentralized wastewater system of the el-
24 igible individuals is, or is proposed to be, located an
25 application at such time, in such manner, and con-

1 taining such information as the private nonprofit or-
2 ganization determines to be appropriate.

3 “(3) PRIORITY.—In awarding assistance under
4 this subsection, a private nonprofit organization
5 shall give priority to any eligible individual who does
6 not have access to a sanitary sewage disposal sys-
7 tem.

8 “(d) REPORT.—Not later than 2 years after the date
9 of enactment of this section, the Administrator shall sub-
10 mit to the Committee on Environment and Public Works
11 of the Senate and the Committee on Transportation and
12 Infrastructure of the House of Representatives a report
13 describing the recipients of grants under the program
14 under this section and the results of the program under
15 this section.

16 “(e) AUTHORIZATION OF APPROPRIATIONS.—

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

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

1 **SEC. 209. CONNECTION TO PUBLICLY OWNED TREATMENT**
2 **WORKS.**

3 Title II of the Federal Water Pollution Control Act
4 (33 U.S.C. 1281 et seq.) (as amended by section 208) is
5 amended by adding at the end the following:

6 **“SEC. 226. CONNECTION TO PUBLICLY OWNED TREATMENT**
7 **WORKS.**

8 “(a) DEFINITIONS.—In this section:

9 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-
10 tity’ means—

11 “(A) an owner or operator of a publicly
12 owned treatment works that assists or is seek-
13 ing to assist low-income or moderate-income in-
14 dividuals with connecting the household of the
15 individual to the publicly owned treatment
16 works; or

17 “(B) a nonprofit entity that assists low-in-
18 come or moderate-income individuals with the
19 costs associated with connecting the household
20 of the individual to a publicly owned treatment
21 works.

22 “(2) PROGRAM.—The term ‘program’ means
23 the competitive grant program established under
24 subsection (b).

1 “(3) QUALIFIED INDIVIDUAL.—The term ‘quali-
2 fied individual’ has the meaning given the term ‘eli-
3 gible individual’ in section 603(j).

4 “(b) ESTABLISHMENT.—Subject to the availability of
5 appropriations, the Administrator shall establish a com-
6 petitive grant program with the purpose of improving gen-
7 eral welfare, under which the Administrator awards grants
8 to eligible entities to provide funds to assist qualified indi-
9 viduals in covering the costs incurred by the qualified indi-
10 vidual in connecting the household of the qualified indi-
11 vidual to a publicly owned treatment works.

12 “(c) APPLICATION.—

13 “(1) IN GENERAL.—An eligible entity seeking a
14 grant under the program shall submit to the Admin-
15 istrator an application at such time, in such manner,
16 and containing such information as the Adminis-
17 trator may by regulation require.

18 “(2) REQUIREMENT.—Not later than 90 days
19 after the date on which the Administrator receives
20 an application from an eligible entity under para-
21 graph (1), the Administrator shall notify the eligible
22 entity of whether the Administrator will award a
23 grant to the eligible entity under the program.

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

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

7 “(2) Whether the eligible entity seeking a
8 grant—

9 “(A) has an existing program to assist in
10 covering the costs incurred in connecting a
11 household to a publicly owned treatment works;
12 or

13 “(B) seeks to create a program described
14 in subparagraph (A).

15 “(e) REQUIREMENTS.—

16 “(1) VOLUNTARY CONNECTION.—Before pro-
17 viding funds to a qualified individual for the costs
18 described in subsection (b), an eligible entity shall
19 ensure that—

20 “(A) the qualified individual has connected
21 to the publicly owned treatment works volun-
22 tarily; and

23 “(B) if the eligible entity is not the owner
24 or operator of the publicly owned treatment
25 works to which the qualified individual has con-

1 needed, the publicly owned treatment works to
2 which the qualified individual has connected has
3 agreed to the connection.

4 “(2) REIMBURSEMENTS FROM PUBLICLY
5 OWNED TREATMENT WORKS.—An eligible entity that
6 is an owner or operator of a publicly owned treat-
7 ment works may reimburse a qualified individual
8 that has already incurred the costs described in sub-
9 section (b) by—

10 “(A) reducing the amount otherwise owed
11 by the qualified individual to the owner or oper-
12 ator for wastewater or other services provided
13 by the owner or operator; or

14 “(B) providing a direct payment to the
15 qualified individual.

16 “(f) AUTHORIZATION OF APPROPRIATIONS.—

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

20 “(2) LIMITATIONS ON USE OF FUNDS.—

21 “(A) SMALL SYSTEMS.—Of the amounts
22 made available for grants under paragraph (1),
23 to the extent that there are sufficient applica-
24 tions, not less than 15 percent shall be used to
25 make grants to—

1 “(i) eligible entities described in sub-
2 section (a)(1)(A) that are owners and op-
3 erators of publicly owned treatment works
4 that serve fewer than 3,300 people; and

5 “(ii) eligible entities described in sub-
6 section (a)(1)(B) that provide the assist-
7 ance described in that subsection in areas
8 that are served by publicly owned treat-
9 ment works that serve fewer than 3,300
10 people.

11 “(B) ADMINISTRATIVE COSTS.—Of the
12 amounts made available for grants under para-
13 graph (1), not more than 2 percent may be
14 used to pay the administrative costs of the Ad-
15 ministrator.”.

16 **SEC. 210. CLEAN WATER STATE REVOLVING FUNDS.**

17 (a) USE OF FUNDS.—

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

21 (A) in subsection (d), in the matter pre-
22 ceding paragraph (1), by inserting “and pro-
23 vided in subsection (k)” after “State law”;

24 (B) in subsection (i)—

1 (i) in paragraph (1), in the matter
2 preceding subparagraph (A), by striking “,
3 including forgiveness of principal and neg-
4 ative interest loans” and inserting “(in-
5 cluding forgiveness of principal, grants,
6 negative interest loans, other loan forgive-
7 ness, and through buying, refinancing, or
8 restructuring debt)”; and

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

11 “(B) TOTAL AMOUNT OF SUBSIDIZA-
12 TION.—For each fiscal year, of the amount of
13 the capitalization grant received by the State
14 under this title, the total amount of additional
15 subsidization made available by a State under
16 paragraph (1)—

17 “(i) may not exceed 30 percent; and

18 “(ii) to the extent that there are suffi-
19 cient applications for assistance to commu-
20 nities described in that paragraph, may not
21 be less than 10 percent.”; and

22 (C) by adding at the end the following:

23 “(k) ADDITIONAL USE OF FUNDS.—A State may use
24 an additional 2 percent of the funds annually allotted to
25 each State under this section for nonprofit organizations

1 (as defined in section 104(w)) to provide technical assist-
2 ance to rural, small, and tribal publicly owned treatment
3 works (within the meaning of section 104(b)(8)(B)) in the
4 State.”.

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

9 (b) CAPITALIZATION GRANT REAUTHORIZATION.—
10 Section 607 of the Federal Water Pollution Control Act
11 (33 U.S.C. 1387) is amended to read as follows:

12 **“SEC. 607. AUTHORIZATION OF APPROPRIATIONS.**

13 “There are authorized to be appropriated to carry out
14 the purposes of this title—

15 “(1) \$2,400,000,000 for fiscal year 2022;

16 “(2) \$2,750,000,000 for fiscal year 2023;

17 “(3) \$3,000,000,000 for fiscal year 2024; and

18 “(4) \$3,250,000,000 for each of fiscal years

19 2025 and 2026.”.

20 **SEC. 211. WATER INFRASTRUCTURE AND WORKFORCE IN-**
21 **VESTMENT.**

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

24 (1) in subsection (a)(3)—

1 (A) in subparagraph (A), by inserting
2 “Tribal,” after “State,”; and

3 (B) in subparagraph (B), by striking
4 “community-based organizations” and all that
5 follows through the period at the end and in-
6 serting the following: “community-based organi-
7 zations and public works departments or agen-
8 cies to align water and wastewater utility work-
9 force recruitment efforts, training programs, re-
10 tention efforts, and community resources with
11 water and wastewater utilities—

12 “(i) to accelerate career pipelines;

13 “(ii) to ensure the sustainability of
14 the water and wastewater utility workforce;
15 and

16 “(iii) to provide access to workforce
17 opportunities.”;

18 (2) in subsection (b)—

19 (A) in paragraph (1)—

20 (i) by striking subparagraph (B);

21 (ii) in subparagraph (A), by striking
22 “; and” at the end and inserting “, which
23 may include—”

24 (iii) in the matter preceding subpara-
25 graph (A), by striking “program—” and

1 all that follows through “to assist” in sub-
2 paragraph (A) and inserting “program to
3 assist”; and

4 (iv) by adding at the end the fol-
5 lowing:

6 “(A) expanding the use and availability of
7 activities and resources that relate to the re-
8 cruitment, including the promotion of diversity
9 within that recruitment, of individuals to ca-
10 reers in the water and wastewater utility sector;

11 “(B) expanding the availability of training
12 opportunities for—

13 “(i) individuals entering into the
14 water and wastewater utility sector; and

15 “(ii) individuals seeking to advance
16 careers within the water and wastewater
17 utility sector; and

18 “(C) expanding the use and availability of
19 activities and strategies, including the develop-
20 ment of innovative activities and strategies, that
21 relate to the maintenance and retention of a
22 sustainable workforce in the water and waste-
23 water utility sector.”;

24 (B) in paragraph (2)—

1 (i) in the matter preceding subpara-
2 graph (A), by striking “institutions—” and
3 inserting “institutions, or public works de-
4 partments and agencies—”; and

5 (ii) in subparagraph (A)—

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

8 (II) in clause (i), by adding “or”
9 at the end;

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

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

14 “(i) in the development of educational
15 or recruitment materials and activities, in-
16 cluding those materials and activities that
17 specifically promote diversity within re-
18 cruitment, for the water and wastewater
19 utility workforce;” and

20 (V) by adding at the end the fol-
21 lowing:

22 “(iii) developing activities and strate-
23 gies that relate to the maintenance and re-
24 tention of a sustainable workforce in the
25 water and wastewater utility sector; and”;

1 (C) in paragraph (3)—

2 (i) in subparagraph (D)(ii), by insert-
3 ing “or certification” after “training”; and

4 (ii) in subparagraph (E), by striking
5 “ensure that incumbent water and waste
6 water utilities workers” and inserting “are
7 designed to retain incumbent water and
8 wastewater utility workforce workers by
9 ensuring that those workers”; and

10 (D) by striking paragraph (4) and insert-
11 ing the following:

12 “(4) WORKING GROUP; REPORT.—

13 “(A) IN GENERAL.—The Administrator
14 shall establish and coordinate a Federal inter-
15 agency working group to address recruitment,
16 training, and retention challenges in the water
17 and wastewater utility workforce, which shall
18 include representatives from—

19 “(i) the Department of Education;

20 “(ii) the Department of Labor;

21 “(iii) the Department of Agriculture;

22 “(iv) the Department of Veterans Af-
23 fairs; and

1 “(v) other Federal agencies, as deter-
2 mined to be appropriate by the Adminis-
3 trator.

4 “(B) REPORT.—Not later than 1 year
5 after the date of enactment of the Drinking
6 Water and Wastewater Infrastructure Act of
7 2021, the Administrator, in coordination with
8 the working group established under subpara-
9 graph (A), shall submit to Congress a report
10 describing potential solutions to recruitment,
11 training, and retention challenges in the water
12 and wastewater utility workforce.

13 “(5) AUTHORIZATION OF APPROPRIATIONS.—
14 There is authorized to be appropriated to carry out
15 this subsection \$5,000,000 for each of fiscal years
16 2022 through 2026.”;

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

19 (4) by inserting before subsection (b) (as so re-
20 designated) the following:

21 “(a) DEFINITION OF PUBLIC WORKS DEPARTMENT
22 OR AGENCY.—In this section, the term ‘public works de-
23 partment or agency’ means a political subdivision of a
24 local, county, or regional government that designs, builds,
25 operates, and maintains water infrastructure, sewage and

1 refuse disposal systems, and other public water systems
2 and facilities.”.

3 **SEC. 212. GRANTS TO ALASKA TO IMPROVE SANITATION IN**
4 **RURAL AND NATIVE VILLAGES.**

5 Section 303(e) of the Safe Drinking Water Act
6 Amendments of 1996 (33 U.S.C. 1263a(e)) is amended
7 by striking “this section” and all that follows through the
8 period at the end and inserting the following: “this sec-
9 tion—

10 “(1) \$40,000,000 for each of fiscal years 2022
11 through 2024;

12 “(2) \$50,000,000 for fiscal year 2025; and

13 “(3) \$60,000,000 for fiscal year 2026.”.

14 **SEC. 213. WATER DATA SHARING PILOT PROGRAM.**

15 (a) ESTABLISHMENT.—

16 (1) IN GENERAL.—Subject to the availability of
17 appropriations, the Administrator shall establish a
18 competitive grant pilot program (referred to in this
19 section as the “pilot program”) under which the Ad-
20 ministrator may award grants to eligible entities
21 under subsection (b) to establish systems that im-
22 prove the sharing of information concerning water
23 quality, water infrastructure needs, and water tech-
24 nology, including cybersecurity technology, between

1 States or among counties and other units of local
2 government within a State, which may include—

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

7 (B) intercounty communications initiatives
8 related to water data.

9 (2) REQUIREMENTS.—

10 (A) DATA SHARING.—The Internet of
11 Water principles developed by the Nicholas In-
12 stitute for Environmental Policy Solutions shall,
13 to the extent practicable, guide any water data
14 sharing efforts under the pilot program.

15 (B) USE OF EXISTING DATA.—The recipi-
16 ent of a grant under the pilot program to estab-
17 lish a website or data hub described in para-
18 graph (1)(A) shall, to the extent practicable, le-
19 verage existing data sharing infrastructure.

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

22 (1) a State, county, or other unit of local gov-
23 ernment that—

24 (A) has a coastal watershed with signifi-
25 cant pollution levels;

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

3 (C) has significant individual water infra-
4 structure deficits; or

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

7 (c) APPLICATIONS.—To be eligible to receive a grant
8 under the pilot program, an eligible entity under sub-
9 section (b) shall submit to the Administrator an applica-
10 tion at such time, in such manner, and containing such
11 information as the Administrator may require.

12 (d) REGIONAL CONSORTIA.—

13 (1) ESTABLISHMENT.—States may establish re-
14 gional consortia in accordance with this subsection.

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

17 (A) include not fewer than 2 States that
18 have entered into a memorandum of under-
19 standing—

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

22 (ii) to share information, protocols,
23 and procedures with respect to projects
24 that evaluate, demonstrate, or install new

1 and emerging, but proven, water tech-
2 nology;

3 (B) carry out projects—

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

6 (ii) that evaluate, demonstrate, or in-
7 stall new and emerging, but proven, water
8 technology; and

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

13 (3) REGIONAL INTENDED USE PLAN.—A re-
14 gional intended use plan of a regional consortium es-
15 tablished under paragraph (1)—

16 (A) shall identify projects that the regional
17 consortium intends to carry out, including
18 projects that meet the requirements of para-
19 graph (2)(B); and

20 (B) may include—

21 (i) projects included in an intended
22 use plan of a State prepared under section
23 606(c) of the Federal Water Pollution
24 Control Act (33 U.S.C. 1386(c)) within the
25 regional consortium; and

1 (ii) projects not included in an in-
2 tended use plan of a State prepared under
3 section 606(c) of the Federal Water Pollu-
4 tion Control Act (33 U.S.C. 1386(c)) with-
5 in the regional consortium.

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

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

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

17 (f) FUNDING.—

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

23 (2) REQUIREMENT.—Of the funds made avail-
24 able under paragraph (1), not more than 35 percent

1 may be used to provide grants to regional consortia
2 established under subsection (d).

3 **SEC. 214. FINAL RATING OPINION LETTERS.**

4 Section 5028(a)(1)(D)(ii) of the Water Infrastruc-
5 ture Finance and Innovation Act of 2014 (33 U.S.C.
6 3907(a)(1)(D)(ii)) is amended by striking “final rating
7 opinion letters from at least 2 rating agencies” and insert-
8 ing “a final rating opinion letter from at least 1 rating
9 agency”.

10 **SEC. 215. WATER INFRASTRUCTURE FINANCING REAU-
11 THORIZATION.**

12 (a) APPLICATIONS.—Section 5023 of the Water In-
13 frastructure Finance and Innovation Act of 2014 (33
14 U.S.C. 3902) is amended by adding at the end the fol-
15 lowing:

16 “(c) BUDGETARY TREATMENT.—If the recipient of
17 financial assistance under this subtitle is an eligible entity
18 other than a Federal entity, agency, or instrumentality
19 and the dedicated sources of repayment of that financial
20 assistance are non-Federal revenue sources, the project or
21 asset for which financial assistance is being provided shall,
22 for purposes of budgetary treatment under the Federal
23 Credit Reform Act of 1990 (2 U.S.C. 661 et seq.)—

24 “(1) be deemed to be non-Federal; and

1 “(2) be treated as a direct loan or loan guar-
2 antee.”.

3 (b) REAUTHORIZATION.—Section 5033 of the Water
4 Infrastructure Finance and Innovation Act of 2014 (33
5 U.S.C. 3912) is amended—

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

8 “(3) FISCAL YEARS 2022 THROUGH 2026.—
9 There is authorized to be appropriated to the Ad-
10 ministrator to carry out this subtitle \$50,000,000
11 for each of fiscal years 2022 through 2026, to re-
12 main available until expended.”;

13 (2) in subsection (b)(2)—

14 (A) in the paragraph heading, by striking
15 “2020 AND 2021” and inserting “AFTER 2019”;
16 and

17 (B) by striking “2020 and 2021” and in-
18 serting “2022 through 2026”; and

19 (3) in subsection (e)(1), by striking “2020 and
20 2021” and inserting “2022 through 2026”.

21 **SEC. 216. SMALL AND DISADVANTAGED COMMUNITY ANAL-**
22 **YSIS.**

23 (a) ANALYSIS.—Not later than 1 year after the date
24 of enactment of this Act, using environmental justice data
25 of the Environmental Protection Agency, including data

1 from the environmental justice mapping and screening tool
2 of the Environmental Protection Agency, the Adminis-
3 trator shall carry out an analysis under which the Admin-
4 istrator shall assess the programs under title VI of the
5 Federal Water Pollution Control Act (33 U.S.C. 1381 et
6 seq.) and section 1452 of the Safe Drinking Water Act
7 (42 U.S.C. 300j-12) to identify historical distributions of
8 funds to small and disadvantaged communities and new
9 opportunities and methods to improve on the distribution
10 of funds under those programs to low-income commu-
11 nities, rural communities, minority communities, and com-
12 munities of indigenous peoples, in accordance with Execu-
13 tive Order 12898 (42 U.S.C. 4321 note; 60 Fed. Reg.
14 6381; relating to Federal actions to address environmental
15 justice in minority populations and low-income popu-
16 lations)).

17 (b) REPORT.—On completion of the analysis under
18 subsection (a), the Administrator shall submit to the Com-
19 mittee on Environment and Public Works of the Senate
20 and the Committees on Energy and Commerce and Trans-
21 portation and Infrastructure of the House of Representa-
22 tives a report describing—

23 (1) the results of the analysis; and

24 (2) the criteria the Administrator used in car-
25 rying out the analysis.

1 **SEC. 217. STORMWATER INFRASTRUCTURE TECHNOLOGY.**

2 (a) DEFINITIONS.—In this section:

3 (1) CENTER.—The term “center” means a cen-
4 ter of excellence for stormwater control infrastruc-
5 ture established under subsection (b)(1).

6 (2) ELIGIBLE ENTITY.—The term “eligible enti-
7 ty” means—

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

9 (B) a local, regional, or other public entity
10 that manages stormwater or wastewater re-
11 sources or other related water infrastructure.

12 (3) ELIGIBLE INSTITUTION.—The term “eligi-
13 ble institution” means an institution of higher edu-
14 cation, a research institution, or a nonprofit organi-
15 zation—

16 (A) that has demonstrated excellence in re-
17 searching and developing new and emerging
18 stormwater control infrastructure technologies;
19 and

20 (B) with respect to a nonprofit organiza-
21 tion, the core mission of which includes water
22 management, as determined by the Adminis-
23 trator.

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

26 (1) ESTABLISHMENT OF CENTERS.—

1 (A) IN GENERAL.—Subject to the avail-
2 ability of appropriations, the Administrator
3 shall provide grants, on a competitive basis, to
4 eligible institutions to establish and maintain
5 not less than 3, and not more than 5, centers
6 of excellence for new and emerging stormwater
7 control infrastructure technologies, to be lo-
8 cated in various regions throughout the United
9 States.

10 (B) GENERAL OPERATION.—Each center
11 shall—

12 (i) conduct research on new and
13 emerging stormwater control infrastructure
14 technologies that are relevant to the geo-
15 graphical region in which the center is lo-
16 cated, including stormwater and sewer
17 overflow reduction, other approaches to
18 water resource enhancement, alternative
19 funding approaches, and other environ-
20 mental, economic, and social benefits, with
21 the goal of improving the effectiveness,
22 cost efficiency, and protection of public
23 safety and water quality;

24 (ii) maintain a listing of—

1 (I) stormwater control infrastruc-
2 ture needs; and

3 (II) an analysis of new and
4 emerging stormwater control infra-
5 structure technologies that are avail-
6 able;

7 (iii) analyze whether additional finan-
8 cial programs for the implementation of
9 new and emerging, but proven, stormwater
10 control infrastructure technologies would
11 be useful;

12 (iv) provide information regarding re-
13 search conducted under clause (i) to the
14 national electronic clearinghouse center for
15 publication on the Internet website estab-
16 lished under paragraph (3)(B)(i) to pro-
17 vide to the Federal Government and State,
18 Tribal, and local governments and the pri-
19 vate sector information regarding new and
20 emerging, but proven, stormwater control
21 infrastructure technologies;

22 (v) provide technical assistance to
23 State, Tribal, and local governments to as-
24 sist with the construction, operation, and
25 maintenance of stormwater control infra-

1 structure projects that use innovative tech-
2 nologies;

3 (vi) collaborate with institutions of
4 higher education and private and public or-
5 ganizations, including community-based
6 public-private partnerships and other
7 stakeholders, in the geographical region in
8 which the center is located; and

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

11 (2) APPLICATION.—To be eligible to receive a
12 grant under this subsection, an eligible institution
13 shall prepare and submit to the Administrator an
14 application at such time, in such form, and con-
15 taining such information as the Administrator may
16 require.

17 (3) NATIONAL ELECTRONIC CLEARINGHOUSE
18 CENTER.—Of the centers established under para-
19 graph (1)(A), 1 shall—

20 (A) be designated as the “national elec-
21 tronic clearinghouse center”; and

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

24 (i) develop, operate, and maintain an
25 Internet website and a public database

1 that contains information relating to new
2 and emerging, but proven, stormwater con-
3 trol infrastructure technologies; and

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

6 (4) AUTHORIZATION OF APPROPRIATIONS.—

7 (A) IN GENERAL.—There is authorized to
8 be appropriated to carry out this subsection
9 \$5,000,000 for each of fiscal years 2022
10 through 2026.

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

16 (c) STORMWATER CONTROL INFRASTRUCTURE
17 PROJECT GRANTS.—

18 (1) GRANT AUTHORITY.—Subject to the avail-
19 ability of appropriations, the Administrator shall
20 provide grants, on a competitive basis, to eligible en-
21 tities to carry out stormwater control infrastructure
22 projects that incorporate new and emerging, but
23 proven, stormwater control technologies in accord-
24 ance with this subsection.

1 (2) STORMWATER CONTROL INFRASTRUCTURE
2 PROJECTS.—

3 (A) PLANNING AND DEVELOPMENT
4 GRANTS.—The Administrator may make plan-
5 ning and development grants under this sub-
6 section for the following projects:

7 (i) Planning and designing
8 stormwater control infrastructure projects
9 that incorporate new and emerging, but
10 proven, stormwater control technologies,
11 including engineering surveys, landscape
12 plans, maps, and implementation plans.

13 (ii) Identifying and developing stand-
14 ards necessary to accommodate stormwater
15 control infrastructure projects, including
16 those projects that incorporate new and
17 emerging, but proven, stormwater control
18 technologies.

19 (iii) Identifying and developing fee
20 structures to provide financial support for
21 design, installation, and operations and
22 maintenance of stormwater control infra-
23 structure, including new and emerging, but
24 proven, stormwater control infrastructure
25 technologies.

1 (iv) Developing approaches for com-
2 munity-based public-private partnerships
3 for the financing and construction of
4 stormwater control infrastructure tech-
5 nologies, including feasibility studies,
6 stakeholder outreach, and needs assess-
7 ments.

8 (v) Developing and delivering training
9 and educational materials regarding new
10 and emerging, but proven, stormwater con-
11 trol infrastructure technologies for dis-
12 tribution to—

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

15 (II) the public.

16 (B) IMPLEMENTATION GRANTS.—The Ad-
17 ministrator may make implementation grants
18 under this subsection for the following projects:

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

22 (ii) Protecting or restoring inter-
23 connected networks of natural areas that
24 protect water quality.

1 (iii) Monitoring and evaluating the en-
2 vironmental, economic, or social benefits of
3 stormwater control infrastructure tech-
4 nologies that incorporate new and emerg-
5 ing, but proven, stormwater control tech-
6 nology.

7 (iv) Implementing a best practices
8 standard for stormwater control infrastruc-
9 ture programs.

10 (3) APPLICATION.—Except as otherwise pro-
11 vided in this section, to be eligible to receive a grant
12 under this subsection, an eligible entity shall prepare
13 and submit to the Administrator an application at
14 such time, in such form, and containing such infor-
15 mation as the Administrator may require, including,
16 as applicable—

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

20 (B) a plan for monitoring the impacts of
21 the stormwater control infrastructure project on
22 the water quality and quantity;

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

1 (D) a plan for the long-term operation and
2 maintenance of the stormwater control infra-
3 structure project and a tracking system, such
4 as asset management practices.

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

8 (A) a community that—

9 (i) has combined storm and sanitary
10 sewers in the collection system of the com-
11 munity; or

12 (ii) is a small, rural, or disadvantaged
13 community, as determined by the Adminis-
14 trator; or

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

19 (5) MAXIMUM AMOUNTS.—

20 (A) PLANNING AND DEVELOPMENT
21 GRANTS.—

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

1 (ii) AGGREGATE AMOUNT.—The total
2 amount of all planning and development
3 grants provided under this subsection for a
4 fiscal year shall be not more than $\frac{1}{3}$ of the
5 total amount made available to carry out
6 this subsection.

7 (B) IMPLEMENTATION GRANTS.—

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

12 (ii) AGGREGATE AMOUNT.—The total
13 amount of all implementation grants pro-
14 vided under this subsection for a fiscal
15 year shall be not more than $\frac{2}{3}$ of the total
16 amount made available to carry out this
17 subsection.

18 (6) FEDERAL SHARE.—

19 (A) IN GENERAL.—Except as provided in
20 subparagraph (C), the Federal share of a grant
21 provided under this subsection shall not exceed
22 80 percent of the total project cost.

23 (B) CREDIT FOR IMPLEMENTATION
24 GRANTS.—The Administrator shall credit to-
25 ward the non-Federal share of the cost of an

1 implementation project carried out under this
2 subsection the cost of planning, design, and
3 construction work completed for the project
4 using funds other than funds provided under
5 this section.

6 (C) EXCEPTION.—The Administrator may
7 waive the Federal share limitation under sub-
8 paragraph (A) for an eligible entity that has
9 adequately demonstrated financial need.

10 (d) REPORT TO CONGRESS.—Not later than 1 year
11 after the date on which the Administrator first awards a
12 grant under this section, the Administrator shall submit
13 to Congress a report that includes, with respect to the pe-
14 riod covered by the report—

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

17 (2) a detailed description of—

18 (A) the projects supported by those grants;

19 and

20 (B) the outcomes of those projects;

21 (3) a description of the improvements in tech-
22 nology, environmental benefits, resources conserved,
23 efficiencies, and other benefits of the projects funded
24 under this section;

1 (4) recommendations for improvements to pro-
2 mote and support new and emerging, but proven,
3 stormwater control infrastructure, including research
4 into new and emerging technologies, for the centers,
5 grants, and activities under this section; and

6 (5) a description of existing challenges con-
7 cerning the use of new and emerging, but proven,
8 stormwater control infrastructure.

9 (e) **AUTHORIZATION OF APPROPRIATIONS.**—

10 (1) **IN GENERAL.**—There is authorized to be
11 appropriated to carry out this section (except for
12 subsection (b)) \$10,000,000 for each of fiscal years
13 2022 through 2026.

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

18 **SEC. 218. WATER REUSE INTERAGENCY WORKING GROUP.**

19 (a) **IN GENERAL.**—Not later than 180 days after the
20 date of enactment of this Act, the Administrator shall es-
21 tablish a Water Reuse Interagency Working Group (re-
22 ferred to in this section as the “Working Group”).

23 (b) **PURPOSE.**—The purpose of the Working Group
24 is to develop and coordinate actions, tools, and resources
25 to advance water reuse across the United States, including

1 through the implementation of a National Water Reuse
2 Action Plan that creates opportunities for water reuse in
3 the mission areas of each of the Federal agencies included
4 in the Working Group under subsection (c) (referred to
5 in this section as the “Action Plan”).

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

8 (1) chaired by the Administrator; and

9 (2) comprised of senior representatives from
10 such Federal agencies as the Administrator deter-
11 mines to be appropriate.

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

14 (1) with respect to water reuse, leverage the ex-
15 pertise of industry, the research community, non-
16 governmental organizations, and government;

17 (2) seek to foster water reuse as an important
18 component of integrated water resources manage-
19 ment;

20 (3) conduct an assessment of new opportunities
21 to advance water reuse and annually update the Ac-
22 tion Plan with new actions, as necessary, to pursue
23 those opportunities;

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

1 (5) consider how each Federal agency can ex-
2 plore and identify opportunities to support water
3 reuse through the programs and activities of that
4 Federal agency; and

5 (6) consult, on a regular basis, with representa-
6 tives of relevant industries, the research community,
7 and nongovernmental organizations.

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

11 (f) SUNSET.—

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

15 (2) EXTENSION.—The Administrator may ex-
16 tend the date of termination of the Working Group
17 under paragraph (1).

18 **SEC. 219. ADVANCED CLEAN WATER TECHNOLOGIES**
19 **STUDY.**

20 (a) IN GENERAL.—Subject to the availability of ap-
21 propriations, not later than 1 year after the date of enact-
22 ment of this Act, the Administrator shall carry out a study
23 that examines the state of existing and potential future
24 technology, including technology that could address cyber-
25 security threats, that enhances or could enhance the treat-

1 ment, monitoring, affordability, efficiency, and safety of
2 wastewater services provided by a treatment works (as de-
3 fined in section 212 of the Federal Water Pollution Con-
4 trol Act (33 U.S.C. 1292)).

5 (b) REPORT.—The Administrator shall submit to the
6 Committee on Environment and Public Works of the Sen-
7 ate and the Committee on Energy and Commerce of the
8 House of Representatives a report that describes the re-
9 sults of the study under subsection (a).

10 **SEC. 220. CLEAN WATER INFRASTRUCTURE NEEDS SURVEY.**

11 (a) IN GENERAL.—Not later than 18 months after
12 the date of enactment of this Act, and not less frequently
13 than once every 4 years thereafter, the Administrator
14 shall—

15 (1) conduct and complete an assessment of
16 wastewater system capital improvement needs of all
17 treatment works (as defined in section 212 of the
18 Federal Water Pollution Control Act (33 U.S.C.
19 1292)) in the United States that are eligible for as-
20 sistance from State water pollution control revolving
21 funds established under title VI of the Federal
22 Water Pollution Control Act (33 U.S.C. 1381 et
23 seq.); and

1 (2) submit to Congress a report describing the
2 results of the assessment completed under para-
3 graph (1).

4 (b) AUTHORIZATION OF APPROPRIATIONS.—There is
5 authorized to be appropriated to carry out the initial needs
6 survey under subsection (a) \$5,000,000, to remain avail-
7 able until expended.