

**SUBSTITUTE OFFERED BY MR. ROUZER FOR  
THE AMENDMENT IN THE NATURE OF A  
SUBSTITUTE TO H.R. 1915**

Strike all after the enacting clause and insert the following:

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

2 (a) SHORT TITLE.—This Act may be cited as the  
3 “Wastewater Infrastructure Act of 2021”.

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

- Sec. 1. Short title; table of contents.
- Sec. 2. Definition of Administrator.
- Sec. 3. Research, investigations, training, and information.
- Sec. 4. Wastewater efficiency grant pilot program.
- Sec. 5. Pilot program for alternative water source projects.
- Sec. 6. Sewer overflow and stormwater reuse municipal grants.
- Sec. 7. Clean water infrastructure resiliency and sustainability program.
- Sec. 8. Small and medium publicly owned treatment works circuit rider program.
- Sec. 9. Small publicly owned treatment works efficiency grant program.
- Sec. 10. Grants for construction and refurbishing of individual household decentralized wastewater systems for individuals with low or moderate income.
- Sec. 11. Connection to publicly owned treatment works.
- Sec. 12. Clean water State revolving funds.
- Sec. 13. Water data sharing pilot program.
- Sec. 14. Small and disadvantaged community analysis.
- Sec. 15. Stormwater infrastructure technology.
- Sec. 16. Water Reuse Interagency Working Group.
- Sec. 17. Advanced clean water technologies study.
- Sec. 18. Clean watersheds needs survey.
- Sec. 19. Enhanced aquifer use and recharge.

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

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

4 **SEC. 3. RESEARCH, INVESTIGATIONS, TRAINING, AND IN-**  
5 **FORMATION.**

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

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

11 (2) in paragraph (7)—

12 (A) by striking “2023” and inserting  
13 “2021”; and

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

21 (b) COMMUNICATION.—Each nonprofit organization  
22 that receives funding under paragraph (8) of section  
23 104(b) of the Federal Water Pollution Control Act (33  
24 U.S.C. 1254(b)) shall, before using that funding to under-  
25 take activities to carry out that paragraph, consult with

1 the State in which the assistance is to be expended or oth-  
2 erwise made available.

3 (c) REPORT.—Not later than 2 years after the date  
4 of enactment of this Act, the Administrator shall submit  
5 to Congress a report that describes the implementation of  
6 the grants authorized under subsections (b)(3), (b)(8),  
7 and (g) of section 104 of the Federal Water Pollution Con-  
8 trol Act (33 U.S.C. 1254), which shall include a descrip-  
9 tion of the grant recipients and grant amounts made avail-  
10 able to carry out those subsections.

11 **SEC. 4. WASTEWATER EFFICIENCY GRANT PILOT PRO-**  
12 **GRAM.**

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

16 **“SEC. 222. WASTEWATER EFFICIENCY GRANT PILOT PRO-**  
17 **GRAM.**

18 “(a) ESTABLISHMENT.—Subject to the availability of  
19 appropriations, the Administrator shall establish a waste-  
20 water efficiency grant pilot program (referred to in this  
21 section as the ‘pilot program’) to award grants to owners  
22 or operators of publicly owned treatment works to carry  
23 out projects that create or improve waste-to-energy sys-  
24 tems.

25 “(b) SELECTION.—

1           “(1) APPLICATIONS.—To be eligible to receive a  
2           grant under the pilot program, an owner or operator  
3           of a treatment works shall submit to the Adminis-  
4           trator an application at such time, in such manner,  
5           and containing such information as the Adminis-  
6           trator may require.

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

11          “(c) USE OF FUNDS.—

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

15                   “(A) sludge collection;

16                   “(B) installation of anaerobic digesters;

17                   “(C) methane capture;

18                   “(D) methane transfer;

19                   “(E) facility upgrades and retrofits nec-  
20          essary to create or improve waste-to-energy sys-  
21          tems; and

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

1           “(2) LIMITATION.—A grant to a recipient  
2 under the pilot program shall be not more than  
3 \$4,000,000.

4           “(d) REPORTS.—

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

13           “(2) REPORT TO CONGRESS.—Not later than 1  
14 year after first awarding grants under the pilot pro-  
15 gram and each year thereafter for which amounts  
16 are made available for the pilot program under sub-  
17 section (e), the Administrator shall submit to Con-  
18 gress a report describing—

19           “(A) the applications received by the Ad-  
20 ministrator for grants under the pilot program;  
21 and

22           “(B) the projects for which grants were  
23 awarded under the pilot program.

24           “(e) AUTHORIZATION OF APPROPRIATIONS.—

1           “(1) IN GENERAL.—There is authorized to be  
2           appropriated to carry out the pilot program  
3           \$20,000,000 for each of fiscal years 2022 through  
4           2026, to remain available until expended.

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

9   **SEC. 5. PILOT PROGRAM FOR ALTERNATIVE WATER**  
10                           **SOURCE PROJECTS.**

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

13           (1) in subsection (b), in the heading, by strik-  
14           ing “IN GENERAL” and inserting “ESTABLISH-  
15           MENT”;

16           (2) in subsection (d)—

17                   (A) in paragraph (1), by inserting “con-  
18                   struction” before “funds”;

19                   (B) by striking paragraph (2); and

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

22                   (3) by striking subsection (e);

23                   (4) in subsection (i)—

1 (A) in the matter preceding paragraph (1),  
2 by striking “, the following definitions apply”;  
3 and

4 (B) in paragraph (1), in the first sentence,  
5 by striking “water or wastewater or by treating  
6 wastewater” and inserting “water, wastewater,  
7 or stormwater or by treating wastewater or  
8 stormwater for groundwater recharge, potable  
9 reuse, or other purposes”;

10 (5) in subsection (j)—

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

13 “(1) IN GENERAL.—There is”;

14 (B) in paragraph (1) (as so designated), by  
15 striking “a total of \$75,000,000 for fiscal years  
16 2002 through 2004. Such sums shall” and in-  
17 serting “\$25,000,000 for each of fiscal years  
18 2022 through 2026, to”; and

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

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

24 (6) by redesignating subsections (b), (c), (d),  
25 (i), and (j) as subsections (c), (d), (e), (b), and (i),

1           respectively, and moving those subsections so as to  
2           appear in alphabetical order.

3 **SEC. 6. SEWER OVERFLOW AND STORMWATER REUSE MU-**  
4                                   **NICIPAL GRANTS.**

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

7           (1) in subsection (a)(1)—

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

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

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

14                           “(B) notification systems to inform the  
15           public of combined sewer or sanitary overflows  
16           that result in sewage being released into rivers  
17           and other waters; and”;

18           (2) in subsection (d)—

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

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



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

3 “(1) IN GENERAL.—The Federal”; and

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

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

13 (3) in subsection (f)—

14 (A) by striking paragraph (1) and insert-  
15 ing the following:

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

19 (B) in paragraph (2)—

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

22 “(A) GREEN PROJECTS.—To the extent”;

23 and

24 (ii) by adding at the end the fol-  
25 lowing:

1                   “(B) RURAL OR FINANCIALLY DISTRESSED  
2                   COMMUNITY ALLOCATION.—

3                   “(i) DEFINITIONS.—In this subpara-  
4                   graph:

5                   “(I) FINANCIALLY DISTRESSED  
6                   COMMUNITY.—The term ‘financially  
7                   distressed community’ has the mean-  
8                   ing given the term in subsection  
9                   (c)(1).

10                  “(II) RURAL COMMUNITY.—The  
11                  term ‘rural community’ means a city,  
12                  town, or unincorporated area that has  
13                  a population of not more than 10,000  
14                  inhabitants.

15                  “(ii) ALLOCATION.—

16                  “(I) IN GENERAL.—To the extent  
17                  there are sufficient eligible project ap-  
18                  plications, the Administrator shall en-  
19                  sure that a State uses not less than  
20                  25 percent of the amount of the  
21                  grants made to the State under sub-  
22                  section (a) in a fiscal year to carry  
23                  out projects in rural communities or  
24                  financially distressed communities for

1 the purpose of planning, design, and  
2 construction of—

3 “(aa) treatment works to  
4 intercept, transport, control,  
5 treat, or reuse municipal sewer  
6 overflows, sanitary sewer over-  
7 flows, or stormwater; or

8 “(bb) any other measures to  
9 manage, reduce, treat, or recap-  
10 ture stormwater or subsurface  
11 drainage water eligible for assist-  
12 ance under section 603(c).

13 “(II) RURAL COMMUNITIES.—Of  
14 the funds allocated under subclause  
15 (I) for the purposes described in that  
16 subclause, to the extent there are suf-  
17 ficient eligible project applications, the  
18 Administrator shall ensure that a  
19 State uses not less than 60 percent to  
20 carry out projects in rural commu-  
21 nities.”; and

22 (4) in subsection (i)—

23 (A) in the second sentence, by striking  
24 “The recommended funding levels” and insert-  
25 ing the following:

1           “(B) REQUIREMENT.—The funding levels  
2 recommended under subparagraph (A)(i)”;

3           (B) in the first sentence, by striking “Not  
4 later” and inserting the following:

5           “(1) PERIODIC REPORTS.—

6           “(A) IN GENERAL.—Not later”;

7           (C) in paragraph (1)(A) (as so des-  
8 ignated)—

9           (i) by striking the period at the end  
10 and inserting “; and”;

11           (ii) by striking “containing rec-  
12 ommended” and inserting the following:

13           “containing—

14           “(i) recommended”; and

15           (iii) by adding at the end the fol-  
16 lowing:

17           “(ii) a description of the extent to  
18 which States pass costs associated with the  
19 non-Federal share requirements under sub-  
20 section (d) to local communities, with a  
21 focus on rural communities and financially  
22 distressed communities (as those terms are  
23 defined in subsection (f)(2)(B)(i)).”;

24           (D) by adding at the end the following:

1           “(2) USE OF FUNDS.—Not later than 2 years  
2 after the date of enactment of the Wastewater Infra-  
3 structure Act of 2021, the Administrator shall sub-  
4 mit to the Committee on Environment and Public  
5 Works of the Senate and the Committee on Trans-  
6 portation and Infrastructure of the House of Rep-  
7 resentatives a report that describes the implementa-  
8 tion of the grant program under this section, which  
9 shall include a description of the grant recipients,  
10 sources of funds for non-Federal share requirements  
11 under subsection (d), and grant amounts made  
12 available under the program.”.

13 **SEC. 7. CLEAN WATER INFRASTRUCTURE RESILIENCY AND**  
14 **SUSTAINABILITY PROGRAM.**

15 Title II of the Federal Water Pollution Control Act  
16 (33 U.S.C. 1281 et seq.) (as amended by section 4) is  
17 amended by adding at the end the following:

18 **“SEC. 223. CLEAN WATER INFRASTRUCTURE RESILIENCY**  
19 **AND SUSTAINABILITY PROGRAM.**

20 “(a) DEFINITIONS.—In this section:

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

23 “(A) a municipality; or

24 “(B) an intermunicipal, interstate, or State  
25 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 cy-  
14          bersecurity vulnerabilities.

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 cy-  
20          bersecurity vulnerabilities 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 cybersecu-  
15 rity vulnerabilities, 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           of the area where the proposed project is to be lo-  
6           cated or potential cybersecurity vulnerability, as ap-  
7           plicable, to be addressed by the proposed project;

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

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

18          “(5) a description of how the proposed project  
19          would improve the performance of the publicly  
20          owned treatment works under an anticipated natural  
21          hazard or natural hazard risk of the area where the  
22          proposed project is to be located or a potential cy-  
23          bersecurity vulnerability, as applicable; and

24          “(6) an explanation of how the proposed project  
25          is expected to enhance the resilience of the publicly



1 owned treatment works to a natural hazard risk of  
2 the area where the proposed project is to be located  
3 or a potential cybersecurity vulnerability, as applica-  
4 ble.

5 “(e) GRANT AMOUNT AND OTHER FEDERAL RE-  
6 QUIREMENTS.—

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

11 “(2) EXCEPTION.—

12 “(A) IN GENERAL.—Except as provided in  
13 subparagraph (B), a grant under the program  
14 shall not exceed 90 percent of the total cost of  
15 the proposed project if the project serves a com-  
16 munity that—

17 “(i) has a population of fewer than  
18 10,000 individuals; or

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

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

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

4           “(f) REPORT.—Not later than 2 years after the date  
5           of enactment of the Wastewater Infrastructure Act of  
6           2021, the Administrator shall submit to Congress a report  
7           that describes the implementation of the program, which  
8           shall include an accounting of all grants awarded under  
9           the program, including a description of each grant recipi-  
10          ent and each project funded using a grant under the pro-  
11          gram.

12          “(g) AUTHORIZATION OF APPROPRIATIONS.—

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

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

20   **SEC. 8. SMALL AND MEDIUM PUBLICLY OWNED TREAT-**  
21                           **MENT WORKS CIRCUIT RIDER PROGRAM.**

22          Title II of the Federal Water Pollution Control Act  
23          (33 U.S.C. 1281 et seq.) (as amended by section 7) is  
24          amended by adding at the end the following:

1 **“SEC. 224. SMALL AND MEDIUM PUBLICLY OWNED TREAT-**  
2 **MENT WORKS CIRCUIT RIDER PROGRAM.**

3 “(a) ESTABLISHMENT.—Subject to the availability of  
4 appropriations, not later than 180 days after the date of  
5 enactment of this section, the Administrator shall estab-  
6 lish a circuit rider program (referred to in this section as  
7 the ‘circuit rider program’) under which the Administrator  
8 shall award grants to qualified nonprofit entities, as deter-  
9 mined by the Administrator, to provide assistance to own-  
10 ers and operators of small and medium publicly owned  
11 treatment works to carry out the activities described in  
12 section 602(b)(13).

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

16 “(c) PRIORITIZATION.—In selecting recipients of  
17 grants under the circuit rider program, the Administrator  
18 shall give priority to qualified nonprofit entities, as deter-  
19 mined by the Administrator, that would serve a commu-  
20 nity that—

21 “(1) has a history, for not less than the 10  
22 years prior to the award of the grant, of unresolved  
23 wastewater issues, stormwater issues, or a combina-  
24 tion of wastewater and stormwater issues;

25 “(2) is considered financially distressed;

1           “(3) faces the cumulative burden of stormwater  
2           and wastewater overflow issues; or

3           “(4) has previously failed to access Federal  
4           technical assistance due to cost-sharing require-  
5           ments.

6           “(d) COMMUNICATION.—Each qualified nonprofit en-  
7           tity that receives funding under this section shall, before  
8           using that funding to undertake activities to carry out this  
9           section, consult with the State in which the assistance is  
10          to be expended or otherwise made available.

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

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

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

19          “(f) AUTHORIZATION OF APPROPRIATIONS.—

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

23                 “(2) LIMITATION ON USE OF FUNDS.—Of the  
24                 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. 9. SMALL PUBLICLY OWNED TREATMENT WORKS EF-**  
4 **FICIENCY GRANT PROGRAM.**

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

8 **“SEC. 225. 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—

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

23 “(A) a population of not more than 10,000  
24 people; or

25 “(B) a disadvantaged community; or

1           “(2) a nonprofit organization that seeks to as-  
2           sist a small publicly owned treatment works de-  
3           scribed in paragraph (1) to carry out the activities  
4           described in subsection (a).

5           “(c) REPORT.—Not later than 2 years after the date  
6           on which the Administrator establishes the efficiency  
7           grant program, and every 2 years thereafter, the Adminis-  
8           trator shall submit to Congress a report describing—

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

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

13          “(d) USE OF FUNDS.—

14          “(1) SMALL SYSTEMS.—Of the amounts made  
15          available for grants under this section, to the extent  
16          that there are sufficient applications, not less than  
17          15 percent shall be used for grants to publicly owned  
18          treatment works that serve fewer than 3,300 people.

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

1 **SEC. 10. GRANTS FOR CONSTRUCTION AND REFURBISHING**  
2 **OF INDIVIDUAL HOUSEHOLD DECENTRAL-**  
3 **IZED WASTEWATER SYSTEMS FOR INDIVID-**  
4 **UALS WITH LOW OR MODERATE INCOME.**

5 Title II of the Federal Water Pollution Control Act  
6 (33 U.S.C. 1281 et seq.) (as amended by section 9) is  
7 amended by adding at the end the following:

8 **“SEC. 226. GRANTS FOR CONSTRUCTION AND REFUR-**  
9 **BISHING OF INDIVIDUAL HOUSEHOLD DE-**  
10 **CENTRALIZED WASTEWATER SYSTEMS FOR**  
11 **INDIVIDUALS WITH LOW OR MODERATE IN-**  
12 **COME.**

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

22 “(b) GRANT PROGRAM.—

23 “(1) IN GENERAL.—Subject to the availability  
24 of appropriations, the Administrator shall establish a  
25 program under which the Administrator shall pro-  
26 vide grants to private nonprofit organizations for the

1 purpose of improving general welfare by providing  
2 assistance to eligible individuals—

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

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

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

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

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

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



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

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

12       “(c) GRANTS.—

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

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

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

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

13          “(e) AUTHORIZATION OF APPROPRIATIONS.—

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

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

1 **SEC. 11. 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 10) is  
5 amended by adding at the end the following:

6 **“SEC. 227. 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. 12. 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.—

13 “(i) IN GENERAL.—For each fiscal  
14 year, of the amount of the capitalization  
15 grant received by the State under this title,  
16 the total amount of additional subsidiza-  
17 tion made available by a State under para-  
18 graph (1)—

19 “(I) may not exceed 30 percent;  
20 and

21 “(II) to the extent that there are  
22 sufficient applications for assistance  
23 to communities described in that  
24 paragraph, may not be less than 10  
25 percent.



1                   “(ii) EXCLUSION.—A loan from the  
2                   water pollution control revolving fund of a  
3                   State with an interest rate equal to or  
4                   greater than 0 percent shall not be consid-  
5                   ered additional subsidization for purposes  
6                   of this subparagraph.”; and

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

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

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

20                  (b) CAPITALIZATION GRANT REAUTHORIZATION.—  
21                  Section 607 of the Federal Water Pollution Control Act  
22                  (33 U.S.C. 1387) is amended to read as follows:

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

24                  “There are authorized to be appropriated to carry out  
25                  the purposes of this title—

- 1 “(1) \$2,400,000,000 for fiscal year 2022;  
2 “(2) \$2,750,000,000 for fiscal year 2023;  
3 “(3) \$3,000,000,000 for fiscal year 2024; and  
4 “(4) \$3,250,000,000 for each of fiscal years  
5 2025 and 2026.”.

6 **SEC. 13. WATER DATA SHARING PILOT PROGRAM.**

7 (a) ESTABLISHMENT.—

8 (1) IN GENERAL.—Subject to the availability of  
9 appropriations, the Administrator shall establish a  
10 competitive grant pilot program (referred to in this  
11 section as the “pilot program”) under which the Ad-  
12 ministrator may award grants to eligible entities  
13 under subsection (b) to establish systems that im-  
14 prove the sharing of information concerning water  
15 quality, water infrastructure needs, and water tech-  
16 nology, including cybersecurity technology, between  
17 States or among counties and other units of local  
18 government within a State, which may include—

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

23 (B) intercounty communications initiatives  
24 related to water data.

25 (2) REQUIREMENTS.—

1           (A) DATA SHARING.—The Internet of  
2 Water principles developed by the Nicholas In-  
3 stitute for Environmental Policy Solutions shall,  
4 to the extent practicable, guide any water data  
5 sharing efforts under the pilot program.

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

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

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

15               (A) has a coastal watershed with signifi-  
16 cant pollution levels;

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

19               (C) has significant individual water infra-  
20 structure deficits; or

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

23       (c) APPLICATIONS.—To be eligible to receive a grant  
24 under the pilot program, an eligible entity under sub-  
25 section (b) shall submit to the Administrator an applica-

1 tion at such time, in such manner, and containing such  
2 information as the Administrator may require.

3 (d) REGIONAL CONSORTIA.—

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

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

8 (A) include not fewer than 2 States that  
9 have entered into a memorandum of under-  
10 standing—

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

13 (ii) to share information, protocols,  
14 and procedures with respect to projects  
15 that evaluate, demonstrate, or install new  
16 and emerging, but proven, water tech-  
17 nology;

18 (B) carry out projects—

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

21 (ii) that evaluate, demonstrate, or in-  
22 stall new and emerging, but proven, water  
23 technology; and

24 (C) develop a regional intended use plan,  
25 in accordance with paragraph (3), to identify

1 projects to carry out, including projects using  
2 grants received under this section.

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

6 (A) shall identify projects that the regional  
7 consortium intends to carry out, including  
8 projects that meet the requirements of para-  
9 graph (2)(B); and

10 (B) may include—

11 (i) projects included in an intended  
12 use plan of a State prepared under section  
13 606(c) of the Federal Water Pollution  
14 Control Act (33 U.S.C. 1386(c)) within the  
15 regional consortium; and

16 (ii) projects not included in an in-  
17 tended use plan of a State prepared under  
18 section 606(c) of the Federal Water Pollu-  
19 tion Control Act (33 U.S.C. 1386(c)) with-  
20 in the regional consortium.

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

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

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

8 (f) FUNDING.—

9 (1) AUTHORIZATION OF APPROPRIATIONS.—

10 There is authorized to be appropriated to carry out  
11 the pilot program \$15,000,000 for each of fiscal  
12 years 2022 through 2026, to remain available until  
13 expended.

14 (2) REQUIREMENT.—Of the funds made avail-  
15 able under paragraph (1), not more than 35 percent  
16 may be used to provide grants to regional consortia  
17 established under subsection (d).

18 **SEC. 14. SMALL AND DISADVANTAGED COMMUNITY ANAL-**  
19 **YSIS.**

20 (a) ANALYSIS.—Not later than 2 years after the date  
21 of enactment of this Act, using environmental justice data  
22 of the Environmental Protection Agency, including data  
23 from the environmental justice mapping and screening tool  
24 of the Environmental Protection Agency, the Adminis-  
25 trator shall carry out an analysis under which the Admin-

1    istrator shall assess the programs under title VI of the  
2    Federal Water Pollution Control Act (33 U.S.C. 1381 et  
3    seq.) to identify historical distributions of funds to small  
4    and disadvantaged communities and new opportunities  
5    and methods to improve on the distribution of funds under  
6    those programs to low-income communities, rural commu-  
7    nities, minority communities, and communities of indige-  
8    nous peoples, in accordance with Executive Order 12898  
9    (42 U.S.C. 4321 note; 60 Fed. Reg. 6381; relating to Fed-  
10    eral actions to address environmental justice in minority  
11    populations and low-income populations).

12       (b) **REQUIREMENT.**—The analysis under subsection  
13    (a) shall include an analysis, to the extent practicable, of  
14    communities in the United States that do not have access  
15    to wastewater services.

16       (c) **REPORT.**—On completion of the analysis under  
17    subsection (a), the Administrator shall submit to the Com-  
18    mittee on Environment and Public Works of the Senate  
19    and the Committee on Transportation and Infrastructure  
20    of the House of Representatives a report describing—

21           (1) the results of the analysis; and

22           (2) the criteria the Administrator used in car-  
23    rying out the analysis.

24    **SEC. 15. STORMWATER INFRASTRUCTURE TECHNOLOGY.**

25       (a) **DEFINITIONS.**—In this section:

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

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

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

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

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

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

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

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

24                  (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 design, construction, oper-  
25 ation, and maintenance of stormwater con-

1                   trol infrastructure projects that use inno-  
2                   vative technologies;

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, long-term operations and  
13 maintenance plans, and implementation  
14 plans.

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

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

1 proven, stormwater control infrastructure  
2 technologies.

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

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

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

17 (II) the public.

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

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

1 (ii) Protecting or restoring inter-  
2 connected networks of natural areas that  
3 protect water quality.

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

10 (iv) Implementing a best practices  
11 standard for stormwater control infrastruc-  
12 ture programs.

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

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

23 (B) a plan for monitoring the impacts and  
24 pollutant load reductions associated with the

1 stormwater control infrastructure project on the  
2 water quality and quantity;

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

6 (D) a plan for the long-term operation and  
7 maintenance of the stormwater control infra-  
8 structure project and a tracking system, such  
9 as asset management practices.

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

13 (A) a community that—

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

17 (ii) is a small, rural, or disadvantaged  
18 community, as determined by the Adminis-  
19 trator; or

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

24 (5) MAXIMUM AMOUNTS.—



1 (A) PLANNING AND DEVELOPMENT  
2 GRANTS.—

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

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

13 (B) IMPLEMENTATION GRANTS.—

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

18 (ii) AGGREGATE AMOUNT.—The total  
19 amount of all implementation grants pro-  
20 vided under this subsection for a fiscal  
21 year shall be not more than  $\frac{2}{3}$  of the total  
22 amount made available to carry out this  
23 subsection.

24 (6) FEDERAL SHARE.—

1           (A) IN GENERAL.—Except as provided in  
2           subparagraph (C), the Federal share of a grant  
3           provided under this subsection shall not exceed  
4           80 percent of the total project cost.

5           (B) CREDIT FOR IMPLEMENTATION  
6           GRANTS.—The Administrator shall credit to-  
7           ward the non-Federal share of the cost of an  
8           implementation project carried out under this  
9           subsection the cost of planning, design, and  
10          construction work completed for the project  
11          using funds other than funds provided under  
12          this section.

13          (C) EXCEPTION.—The Administrator may  
14          waive the Federal share limitation under sub-  
15          paragraph (A) for an eligible entity that has  
16          adequately demonstrated financial need.

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

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

24                  (2) a detailed description of—

1 (A) the projects supported by those grants;

2 and

3 (B) the outcomes of those projects;

4 (3) a description of the improvements in tech-  
5 nology, environmental benefits, resources conserved,  
6 efficiencies, and other benefits of the projects funded  
7 under this section;

8 (4) recommendations for improvements to pro-  
9 mote and support new and emerging, but proven,  
10 stormwater control infrastructure, including research  
11 into new and emerging technologies, for the centers,  
12 grants, and activities under this section; and

13 (5) a description of existing challenges con-  
14 cerning the use of new and emerging, but proven,  
15 stormwater control infrastructure.

16 (e) AUTHORIZATION OF APPROPRIATIONS.—

17 (1) IN GENERAL.—There is authorized to be  
18 appropriated to carry out this section (except for  
19 subsection (b)) \$10,000,000 for each of fiscal years  
20 2022 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. 16. WATER REUSE INTERAGENCY WORKING GROUP.**

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

6 (b) PURPOSE.—The purpose of the Working Group  
7 is to develop and coordinate actions, tools, and resources  
8 to advance water reuse across the United States, including  
9 through the implementation of the February 2020 Na-  
10 tional Water Reuse Action Plan, which creates opportuni-  
11 ties for water reuse in the mission areas of each of the  
12 Federal agencies included in the Working Group under  
13 subsection (c) (referred to in this section as the “Action  
14 Plan”).

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

17 (1) chaired by the Administrator; and

18 (2) comprised of senior representatives from  
19 such Federal agencies as the Administrator deter-  
20 mines to be appropriate.

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

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

1           (2) seek to foster water reuse as an important  
2           component of integrated water resources manage-  
3           ment;

4           (3) conduct an assessment of new opportunities  
5           to advance water reuse and annually update the Ac-  
6           tion Plan with new actions, as necessary, to pursue  
7           those opportunities;

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

10          (5) consider how each Federal agency can ex-  
11          plore and identify opportunities to support water  
12          reuse through the programs and activities of that  
13          Federal agency; and

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

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

20          (f) SUNSET.—

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

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

4 **SEC. 17. ADVANCED CLEAN WATER TECHNOLOGIES STUDY.**

5           (a) IN GENERAL.—Subject to the availability of ap-  
6           propriations, not later than 2 years after the date of enact-  
7           ment of this Act, the Administrator shall carry out a study  
8           that examines the state of existing and potential future  
9           technology, including technology that could address cyber-  
10          security vulnerabilities, that enhances or could enhance  
11          the treatment, monitoring, affordability, efficiency, and  
12          safety of wastewater services provided by a treatment  
13          works (as defined in section 212 of the Federal Water Pol-  
14          lution Control Act (33 U.S.C. 1292)).

15          (b) REPORT.—The Administrator shall submit to the  
16          Committee on Environment and Public Works of the Sen-  
17          ate and the Committee on Transportation and Infrastruc-  
18          ture of the House of Representatives a report that de-  
19          scribes the results of the study under subsection (a).

20 **SEC. 18. CLEAN WATERSHEDS NEEDS SURVEY.**

21          Title VI of the Federal Water Pollution Control Act  
22          (33 U.S.C. 1381 et seq.) is amended by adding at the end  
23          the following:

1 **“SEC. 609. CLEAN WATERSHEDS NEEDS SURVEY.**

2 “(a) REQUIREMENT.—Not later than 2 years after  
3 the date of enactment of the Wastewater Infrastructure  
4 Act of 2021, and not less frequently than once every 4  
5 years thereafter, the Administrator shall—

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

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

13 “(b) AUTHORIZATION OF APPROPRIATIONS.—There  
14 is authorized to be appropriated to carry out the initial  
15 needs survey under subsection (a) \$5,000,000, to remain  
16 available until expended.”.

17 **SEC. 19. ENHANCED AQUIFER USE AND RECHARGE.**

18 Title I of the Federal Water Pollution Control Act  
19 (33 U.S.C. 1251 et seq.) is amended by adding at the end  
20 the following:

21 **“SEC. 124. ENHANCED AQUIFER USE AND RECHARGE.**

22 “(a) IN GENERAL.—Subject to the availability of ap-  
23 propriations, the Administrator shall provide funding to  
24 carry out groundwater research on enhanced aquifer use  
25 and recharge in support of sole-source aquifers, of  
26 which—

1           “(1) not less than 50 percent shall be used to  
2           provide 1 grant to a State, unit of local government,  
3           or Indian Tribe to carry out activities that would di-  
4           rectly support that research; and

5           “(2) the remainder shall be provided to 1 ap-  
6           propriate research center.

7           “(b) COORDINATION.—As a condition of accepting  
8           funds under subsection (a), the State, unit of local govern-  
9           ment, or Indian Tribe and the appropriate research center  
10          that receive funds under that subsection shall establish a  
11          formal research relationship for the purpose of coordi-  
12          nating efforts under this section.

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

