

Calendar No. 453

116TH CONGRESS
2D SESSION

S. 3591

To provide for improvements to the rivers and harbors of the United States, to provide for the conservation and development of water and related resources, to provide for water pollution control activities, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MAY 4, 2020

Mr. BARRASSO (for himself, Mr. CARPER, Mrs. CAPITO, and Mr. CARDIN) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

MAY 11, 2020

Reported by Mr. BARRASSO, with an amendment

[Strike out all after the enacting clause and insert the part printed in italic]

A BILL

To provide for improvements to the rivers and harbors of the United States, to provide for the conservation and development of water and related resources, to provide for water pollution control activities, 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,*

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

2 (a) **SHORT TITLE.**—This Act may be cited as the
 3 “America’s Water Infrastructure Act of 2020”.

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 Secretary.

TITLE I—WATER RESOURCES DEVELOPMENT

Subtitle A—General Provisions

Sec. 1001. Upper and Lower Missouri River comprehensive flood protection studies.

Sec. 1002. Great Lakes comprehensive flood protection study.

Sec. 1003. Additional studies under North Atlantic Coast comprehensive study.

Sec. 1004. Maintenance and construction of water resources development projects by non-Federal interests.

Sec. 1005. Watercraft inspection stations.

Sec. 1006. Local government reservoir permit review.

Sec. 1007. Upper Mississippi River protection.

Sec. 1008. Beneficial use of dredged material.

Sec. 1009. Klamath Basin Water Supply Enhancement Act of 2000 technical corrections.

Sec. 1010. Project modifications for improvement of environment.

Sec. 1011. Non-Federal implementation pilot program.

Sec. 1012. Thin layer placement pilot program.

Sec. 1013. Annual report to Congress on authorized studies and projects.

Sec. 1014. Annual report to Congress on water resources infrastructure.

Sec. 1015. Operation and maintenance.

Sec. 1016. Transparency and accountability in cost sharing for water resources development projects.

Sec. 1017. Continuing authority programs.

Sec. 1018. Shore damage prevention or mitigation.

Sec. 1019. Sediment management plan.

Sec. 1020. Criteria for funding environmental infrastructure projects.

Sec. 1021. Aging infrastructure.

Sec. 1022. Expediting repairs and recovery from flooding.

Sec. 1023. Upper Snake River levees.

Sec. 1024. Uniformity of notification systems.

Sec. 1025. Susquehanna, Delaware, and Potomac River Basin commissions.

Sec. 1026. Wilmington Harbor South Disposal Area, Delaware.

Sec. 1027. Conveyance of Wilmington Harbor North Disposal Area, Delaware.

Sec. 1028. Coastal storm damage reduction contracts.

Sec. 1029. Corps flood policy within urban areas.

Sec. 1030. Reporting on over budget and behind schedule Corps projects.

Sec. 1031. Dam remediation for ecosystem restoration.

Sec. 1032. Conveyance of certain Federal land to the city of Montgomery, Alabama.

Sec. 1033. Maintenance of high-risk flood control projects.

- Sec. 1034. Projects to accommodate irregular dredging.
- Sec. 1035. Chesapeake Bay environmental restoration and protection program.
- Sec. 1036. Implementation guidance, reports, and briefings.
- Sec. 1037. Interagency task force on small dams and fish passages.
- Sec. 1038. Project completion.
- Sec. 1039. Levee accreditation process; levee certifications.
- Sec. 1040. Rehabilitation of flood control pump stations affecting Corps of Engineers flood risk management projects.
- Sec. 1041. Brandon Road study.
- Sec. 1042. Credit or reimbursement.
- Sec. 1043. Emergency contracting.
- Sec. 1044. Project partnership agreement.
- Sec. 1045. Acceptance of funds for harbor dredging.
- Sec. 1046. Emergency flooding protection for lakes.
- Sec. 1047. Levee safety.
- Sec. 1048. Replacement capacity.
- Sec. 1049. Implementation guidance for post-flood improvements.
- Sec. 1050. Willamette Valley Project water reallocation.
- Sec. 1051. Central Appalachia water.
- Sec. 1052. Reviewing hydropower at Corps of Engineers facilities.
- Sec. 1053. Establishing permanent features from emergency response measures.
- Sec. 1054. Studies of water resources development projects by non-Federal interests.
- Sec. 1055. Subsurface drain systems research and development.
- Sec. 1056. Limitation on contract execution in the Arkansas River Basin.
- Sec. 1057. Support for mitigation efforts for small dams in National Heritage Corridors.
- Sec. 1058. Report on barriers to infrastructure development at United States ports.
- Sec. 1059. Rye Harbor, New Hampshire, navigation improvement project.
- Sec. 1060. Cape Arundel disposal site, Maine.
- Sec. 1061. Rio Grande environmental management program, Colorado, New Mexico, and Texas.
- Sec. 1062. Restoration of abandoned sites.
- Sec. 1063. Rural Western water.
- Sec. 1064. Thad Cochran Lock and Dam.
- Sec. 1065. Report on Corps of Engineers facilities in Appalachia.
- Sec. 1066. Report on Corps of Engineers hydropower facilities in Appalachia.
- Sec. 1067. Harris County, Texas.
- Sec. 1068. Identification of nonpowered dams for hydropower development.
- Sec. 1069. Inland waterway transportation.
- Sec. 1070. Federal interest determination.
- Sec. 1071. Report on single levee standard.
- Sec. 1072. South Atlantic Coastal Study.
- Sec. 1073. Completion of reports.
- Sec. 1074. Delegation of work for Comprehensive Everglades Restoration Plan projects.
- Sec. 1075. Material breaches of contract.
- Sec. 1076. Repair and restoration of embankments.
- Sec. 1077. Non-Federal interest repayment obligations.
- Sec. 1078. Great Lakes confined disposal facilities.
- Sec. 1079. Coastal mapping.
- Sec. 1080. Disposal of dredged materials.
- Sec. 1081. Upper Missouri River Basin mainstem dam fish loss research.

- Sec. 1082. Briefings on dissemination of information.
- Sec. 1083. Corps of Engineers projects in underserved communities; economically distressed areas; or rural areas.
- Sec. 1084. Interim risk reduction measures.
- Sec. 1085. Maintenance dredging permits.
- Sec. 1086. Technical correction.
- Sec. 1087. Annual debris removal.
- Sec. 1088. Enhanced development demonstration program.
- Sec. 1089. Report on benefits calculation for flood control structures.
- Sec. 1090. High water-low water preparedness.
- Sec. 1091. East Rockaway Inlet to Rockaway Inlet and Jamaica Bay Reformulation, New York.
- Sec. 1092. Report on antecedent hydrologic conditions.
- Sec. 1093. Harmful algal blooms demonstration program.
- Sec. 1094. Sense of Congress relating to annual maintenance dredging.
- Sec. 1095. Selection of dredged material disposal method for certain purposes.
- Sec. 1096. Increasing access for recreation at Corps of Engineers projects.
- Sec. 1097. Extinguishment of flowage easements, Rough River Lake, Kentucky.
- Sec. 1098. Small flood control projects.
- Sec. 1099. Comprehensive study of Mississippi River System from Old River Control Structure to Gulf of Mexico.
- Sec. 1100. Missouri River.
- Sec. 1101. Flexibility for projects.
- Sec. 1102. Development of categorical exclusions.

Subtitle B—Studies and Reports

- Sec. 1201. Authorization of proposed feasibility studies and modifications.
- Sec. 1202. Expedited completion.
- Sec. 1203. Inclusion of certain projects in annual report to Congress.
- Sec. 1204. Assistance to non-Federal sponsors.
- Sec. 1205. Rahway flood risk management feasibility study, New Jersey.
- Sec. 1206. Arctic deep draft port.
- Sec. 1207. Nassau County Back Bays coastal storm risk management.

Subtitle C—Deauthorizations, Modifications, and Related Provisions

- Sec. 1301. Deauthorization of Watch Hill Cove, Rhode Island and Connecticut.
- Sec. 1302. Rush River and Lower Rush River, North Dakota.
- Sec. 1303. Willamette Falls Locks, Willamette River, Oregon.
- Sec. 1304. Camden Harbor, Maine.
- Sec. 1305. Deauthorization of flood control project for Taylor Creek Reservoir and Levee L-73, Upper St. Johns River Basin, Central and Southern Florida.
- Sec. 1306. New London Harbor Waterfront Channel, Connecticut.
- Sec. 1307. No deauthorization of certain projects.
- Sec. 1308. Comprehensive Everglades Restoration Plan.

Subtitle D—Water Resources Infrastructure

- Sec. 1401. Project authorizations.
- Sec. 1402. Expedited completion of certain projects.
- Sec. 1403. Additional project authorizations.

Subtitle E—Water Supply and Storage

- Sec. 1501. Small water storage projects.

- Sec. 1502. Missouri River reservoir sediment management.
- Sec. 1503. Planning Assistance for States.
- Sec. 1504. Forecast-informed reservoir operations.
- Sec. 1505. Study on data for water allocation, supply, and demand.
- Sec. 1506. GAO report on certain Federal dams and reservoirs.
- Sec. 1507. Aquatic ecosystem restoration.
- Sec. 1508. Improving reviews for non-Federal hydropower at existing Corps of Engineers projects.
- Sec. 1509. Surplus water contracts and water storage agreements.
- Sec. 1510. Reduced pricing for certain water supply storage.

Subtitle F—Invasive Species

- Sec. 1601. Definition of invasive species.
- Sec. 1602. Invasive species in impaired waters.
- Sec. 1603. Aquatic invasive species research.
- Sec. 1604. Invasive species mitigation and reduction.
- Sec. 1605. Terrestrial noxious weed control pilot program.
- Sec. 1606. Invasive species risk assessment, prioritization, and management.
- Sec. 1607. Asian carp prevention and control pilot program.
- Sec. 1608. Aquatic invasive species prevention.
- Sec. 1609. Invasive species in alpine lakes pilot program.

TITLE H—CLEAN WATER

- Sec. 2001. Clean water infrastructure resiliency and sustainability program.
- Sec. 2002. Increased funding for technical assistance.
- Sec. 2003. Small and medium publicly owned treatment works circuit rider program.
- Sec. 2004. Small publicly owned treatment works efficiency grant program.
- Sec. 2005. Wastewater efficiency grant pilot program.
- Sec. 2006. Pilot program for alternative water source projects.
- Sec. 2007. Sewer overflow and stormwater reuse municipal grants.
- Sec. 2008. Water infrastructure and workforce investment.
- Sec. 2009. Water Resources Research Act amendments.
- Sec. 2010. Grants for construction, refurbishing, and servicing of individual household decentralized wastewater systems for individuals with low or moderate income.
- Sec. 2011. Connection to publicly owned treatment works.
- Sec. 2012. Use of clean water State revolving loan funds.
- Sec. 2013. Water data sharing pilot program.
- Sec. 2014. Water infrastructure financing reauthorization.
- Sec. 2015. Final rating opinion letters.
- Sec. 2016. Reauthorization of clean water State revolving funds.
- Sec. 2017. Wastewater infrastructure discretionary grant program.
- Sec. 2018. Small and disadvantaged community analysis.
- Sec. 2019. Stormwater infrastructure technology.

TITLE III—TRIBAL AND OTHER MATTERS

- Sec. 3001. Tribal partnership program.
- Sec. 3002. Cost sharing provisions for territories and Indian tribes.
- Sec. 3003. Inclusion of Tribal interests in project consultations.
- Sec. 3004. Indian Irrigation Fund reauthorization.
- Sec. 3005. Reauthorization of repair, replacement, and maintenance of certain Indian irrigation projects.

Sec. 3006: Grants to ports to reduce emissions from waterborne vessels.
 Sec. 3007: Mapping and screening tool.
 Sec. 3008: Assessment of coastal water infrastructure vulnerabilities.
 Sec. 3009: Report on potential for blue energy at coastal wastewater treatment plants.
 Sec. 3010: Great Lakes Restoration Initiative.
 Sec. 3011: San Francisco Bay restoration.
 Sec. 3012: Lake Tahoe restoration program.
 Sec. 3013: Puget Sound coordinated recovery.
 Sec. 3014: Reauthorization of the Denali Commission.
 Sec. 3015: Municipal ombudsman.

1 **SEC. 2. DEFINITION OF SECRETARY.**

2 In this Act, the term “Secretary” means the Sec-
 3 retary of the Army.

4 **TITLE I—WATER RESOURCES**
 5 **DEVELOPMENT**

6 **Subtitle A—General Provisions**

7 **SEC. 1001. UPPER AND LOWER MISSOURI RIVER COM-**
 8 **PREHENSIVE FLOOD PROTECTION STUDIES.**

9 (a) DEFINITION OF MISSOURI RIVER PROJECT.—In
 10 this section, the term “Missouri River project” means—

11 (1) a project constructed as part of—

12 (A) the Pick-Sloan Missouri River Basin
 13 Program authorized by section 9(b) of the Act
 14 of December 22, 1944 (commonly known as the
 15 “Flood Control Act of 1944”) (58 Stat. 891,
 16 chapter 665); or

17 (B) the Missouri River Bank Stabilization
 18 and Navigation Project authorized by section 2
 19 of the Act of March 2, 1945 (commonly known

1 as the “River and Harbor Act of 1945”) (59
 2 Stat. 19, chapter 19); and

3 ~~(2) a locally owned or operated levee system lo-~~
 4 ~~cated within the Upper or Lower Missouri River~~
 5 ~~basin.~~

6 ~~(b) DEVELOPMENT.~~—The Secretary, in collaboration
 7 with the heads of other relevant Federal agencies, shall
 8 conduct, and submit to Congress a comprehensive strategy
 9 and report that describes the results of and aligns the rec-
 10 ommendations of, ~~2~~ comprehensive studies to address
 11 flood risk in areas affected by severe flooding in 2019
 12 along the Upper and Lower Missouri River, including an
 13 examination of—

14 ~~(1) the use of structural and nonstructural~~
 15 ~~flood control and floodplain management strategies,~~
 16 ~~including the consideration of natural features or~~
 17 ~~nature-based features (as those terms are defined in~~
 18 ~~section 1184(a) of the Water Infrastructure Im-~~
 19 ~~provements for the Nation Act (33 U.S.C.~~
 20 ~~2289a(a)));~~

21 ~~(2) continued operation and maintenance of the~~
 22 ~~navigation project;~~

23 ~~(3) management of bank caving and erosion;~~

24 ~~(4) maintenance of water supply;~~

25 ~~(5) fish and wildlife habitat management;~~

1 (6) recreation needs;

2 (7) environmental restoration needs;

3 (8) the division of responsibilities of the Federal
4 Government and non-Federal interests with respect
5 to Missouri River flooding;

6 (9) the roles and responsibilities of Federal
7 agencies with respect to Missouri River flooding; and

8 (10) any other related matters, as determined
9 by the Secretary.

10 (c) CONTENTS.—The studies conducted under sub-
11 section (b) shall—

12 (1) include 1 study for the Upper Missouri
13 River and 1 study for the Lower Missouri River;

14 (2) include recommendations on management
15 plans and actions to be carried out by the respon-
16 sible Federal agencies to reduce flood risk and im-
17 prove resiliency that shall be used in recommending
18 projects for construction authorization;

19 (3) address whether changes are necessary to
20 the general comprehensive plan for flood control and
21 other purposes in the Missouri River Basin under
22 section 4 of the Act of June 28, 1938 (52 Stat.
23 1218, chapter 795) and modified by section 9(b) of
24 the Act of December 22, 1944 (commonly known as

1 the “Flood Control Act of 1944”) (58 Stat. 891,
2 chapter 665);

3 (4) address the potential for the transfer of
4 flood risk between and within the Upper and Lower
5 Missouri River Basin for any changes recommended
6 under paragraph (3);

7 (5) address adverse impacts to navigation and
8 other authorized purposes of the applicable Missouri
9 River project for any changes recommended under
10 paragraph (3);

11 (6) address whether there are opportunities for
12 increased non-Federal management in the Missouri
13 River Basin;

14 (7) recognize the interest and rights of States
15 in—

16 (A) determining the development of water-
17 sheds within the borders of the State; and

18 (B) water utilization and control;

19 (8) recognize the primary responsibilities of
20 States and local interests in developing water sup-
21 plies for domestic, municipal, industrial, and other
22 purposes; and

23 (9) include recommendations for—

24 (A) non-Federal and Federal action where
25 appropriate; and

1 ~~(B)~~ follow-up studies for problem areas for
 2 which data or current technology does not allow
 3 immediate solutions.

4 ~~(d) FURTHER ANALYSIS.—~~

5 ~~(1) IN GENERAL.—~~As part of the studies con-
 6 ducted under subsection ~~(b)~~, the Secretary shall—

7 ~~(A)~~ identify institutional and other barriers
 8 to providing protection to the areas evaluated in
 9 the studies;

10 ~~(B)~~ carry out activities that warrant addi-
 11 tional analysis by the Corps of Engineers, in-
 12 cluding feasibility studies; and

13 ~~(C)~~ provide recommendations for inclusion
 14 of projects and feasibility studies in the report
 15 under section 1013.

16 ~~(2) TREATMENT.—~~A feasibility study carried
 17 out under paragraph ~~(1)(B)~~ shall be considered to
 18 be a continuation of the applicable study under sub-
 19 section ~~(b)~~.

20 ~~(3) COST-SHARE.—~~

21 ~~(A) IN GENERAL.—~~Except as provided in
 22 subparagraph ~~(B)~~, the non-Federal share of the
 23 cost of carrying out a feasibility study under
 24 paragraph ~~(1)(B)~~ shall not be more than 35
 25 percent.

(B) WAIVER FOR SMALL OR DISADVANTAGED COMMUNITIES.—In carrying out a feasibility study under paragraph (1)(B) in partnership with a small community or a disadvantaged community (as those terms are defined in section 1017(a)(1)), if the Secretary determines that the life safety or economic viability of the community is at risk, the Secretary shall reduce the non-Federal cost share applicable to the study through a mutual agreement between the Corps of Engineers and the non-Federal interest, in an amount that is—

(i) not less than 10 percent of the total project cost; and

(ii) up to 100 percent of the non-Federal cost share applicable to the study.

(4) TIMELINESS.—The Secretary shall carry out feasibility studies under paragraph (1)(B) as expeditiously as possible.

(5) DELEGATION OF APPROVAL.—The Secretary shall delegate the approval authority for initiating any feasibility study under paragraph (1)(B) to the Commander of the Northwestern Division of the Corps of Engineers.

(e) CONSULTATION; USE OF EXISTING DATA.—

1 (1) CONSULTATION.—In conducting the studies
 2 under subsection (b), the Secretary shall consult
 3 with applicable Federal and State agencies, Indian
 4 Tribes, and other stakeholders.

5 (2) USE OF DATA.—In conducting the studies
 6 under subsection (b), the Secretary shall make max-
 7 imum use of data in existence on the date of enact-
 8 ment of this Act and ongoing programs and efforts
 9 of Federal agencies, States, Indian Tribes, and other
 10 stakeholders.

11 (f) COST SHARING.—The studies conducted under
 12 subsection (b) shall be at full Federal expense.

13 (g) APPLICATION OF CERTAIN REQUIREMENTS.—
 14 Section 1001(a) of the Water Resources Reform and De-
 15 velopment Act of 2014 (33 U.S.C. 2282c(a))—

16 (1) shall not apply to the studies conducted
 17 under subsection (b); and

18 (2) shall apply to a feasibility study carried out
 19 under subsection (d)(1)(B).

20 (h) REPORTS.—The Secretary shall submit to Con-
 21 gress—

22 (1) an interim report on the results of the stud-
 23 ies under subsection (b) by not later than 1 year
 24 after the date of enactment of this Act; and

1 (2) a final report on the results of the studies
 2 under subsection (b) by not later than 3 years after
 3 the date of enactment of this Act.

4 (i) **AUTHORIZATION OF APPROPRIATIONS.**—There is
 5 authorized to be appropriated to carry out this section
 6 \$50,000,000, to remain available until expended.

7 **SEC. 1002. GREAT LAKES COMPREHENSIVE FLOOD PRO-**
 8 **TECTION STUDY.**

9 (a) **DEFINITION OF GREAT LAKES.**—In this section,
 10 the term “Great Lakes” has the meaning given the term
 11 in section 118(a) of the Federal Water Pollution Control
 12 Act (33 U.S.C. 1268(a)).

13 (b) **DEVELOPMENT.**—The Secretary, in collaboration
 14 with the heads of other relevant Federal agencies, shall
 15 conduct, and submit to Congress a report that describes
 16 the results of, a comprehensive study to address shoreline
 17 protection and resiliency in areas affected by flooding in
 18 2019 due to high lake water levels along the Great Lakes,
 19 including an examination of—

20 (1) structural and nonstructural coastal storm
 21 and flood risk management measures and flood zone
 22 management strategies, including the consideration
 23 of natural features or nature-based features (as
 24 those terms are defined in section 1184(a) of the

1 Water Infrastructure Improvements for the Nation
2 Act (33 U.S.C. 2289a(a));

3 ~~(2) continued operation and maintenance of~~
4 ~~navigation projects within or along the Great Lakes~~
5 ~~impacted by flooding related to high water levels;~~

6 ~~(3) management of shoreline caving and ero-~~
7 ~~sion;~~

8 ~~(4) recreation needs;~~

9 ~~(5) environmental restoration needs;~~

10 ~~(6) the division of responsibilities of the Federal~~
11 ~~Government and non-Federal interests with respect~~
12 ~~to Great Lakes coastal storm and flood risk manage-~~
13 ~~ment measures;~~

14 ~~(7) the roles and responsibilities of Federal~~
15 ~~agencies with respect to Great Lakes coastal storm~~
16 ~~and flood risk management measures; and~~

17 ~~(8) other related matters; as determined by the~~
18 ~~Secretary.~~

19 ~~(c) CONTENTS.—The study under subsection (b)~~
20 ~~shall—~~

21 ~~(1) include recommendations on management~~
22 ~~plans and actions to be carried out by the respon-~~
23 ~~sible Federal agencies; including the identification~~
24 ~~of—~~

1 (A) additional work that can be carried out
 2 by the Corps of Engineers under existing au-
 3 thorities to further reduce flood risk; and

4 (B) additional studies that may be needed;
 5 (2) address whether changes are necessary to—

6 (A) the management plan for the Great
 7 Lakes; and

8 (B) the management plans for individual
 9 lakes of the Great Lakes;

10 (3) address whether there are opportunities for
 11 increased non-Federal management in the Great
 12 Lakes; and

13 (4) include recommendations for—

14 (A) non-Federal and Federal action, where
 15 appropriate; and

16 (B) follow-up studies for problem areas for
 17 which data or current technology does not allow
 18 immediate solutions.

19 (d) FURTHER ANALYSIS.—

20 (1) IN GENERAL.—As part of the study con-
 21 ducted under subsection (b), the Secretary shall—

22 (A) identify institutional and other barriers
 23 to providing protection to the areas evaluated in
 24 the study; and

1 ~~(B)~~ carry out activities that warrant addi-
 2 tional analysis by the Corps of Engineers, in-
 3 cluding feasibility studies.

4 ~~(2) TREATMENT.~~—A feasibility study carried
 5 out under paragraph ~~(1)(B)~~ shall be considered to
 6 be a continuation of the study under subsection ~~(b)~~.

7 ~~(c) CONSULTATION; USE OF EXISTING DATA.~~—

8 ~~(1) CONSULTATION.~~—In conducting the study
 9 under subsection ~~(b)~~, the Secretary shall consult
 10 with appropriate Federal and State agencies.

11 ~~(2) USE OF DATA.~~—In conducting the study
 12 under subsection ~~(b)~~, the Secretary shall make max-
 13 imum use of data in existence on the date of enact-
 14 ment of this Act and ongoing programs and efforts
 15 of Federal agencies and States.

16 ~~(f) COST SHARING.~~—The study conducted under sub-
 17 section ~~(b)~~ shall be at full Federal expense.

18 ~~(g) AUTHORIZATION OF APPROPRIATIONS.~~—There is
 19 authorized to be appropriated to carry out subsection ~~(b)~~
 20 \$25,000,000, to remain available until expended.

21 **SEC. 1003. ADDITIONAL STUDIES UNDER NORTH ATLANTIC**
 22 **COAST COMPREHENSIVE STUDY.**

23 ~~(a) IN GENERAL.~~—The Secretary shall carry out a
 24 study to determine the feasibility of a project for hurricane
 25 and storm damage risk reduction for any major metropoli-

1 tan area located in the study area for the comprehensive
 2 study authorized under the heading “INVESTIGATIONS”
 3 under the heading “CORPS OF ENGINEERS—CIVIL” under
 4 the heading “DEPARTMENT OF THE ARMY” under
 5 title X of division A of Public Law 113–2 (127 Stat. 23)
 6 that was not included in a high-risk focus area identified
 7 in the study.

8 (b) TREATMENT.—A study carried out under sub-
 9 section (a) shall be considered to be a continuation of the
 10 comprehensive study described in that subsection.

11 **SEC. 1004. MAINTENANCE AND CONSTRUCTION OF WATER**
 12 **RESOURCES DEVELOPMENT PROJECTS BY**
 13 **NON-FEDERAL INTERESTS.**

14 Section 204(c)(1) of the Water Resources Develop-
 15 ment Act of 1986 (33 U.S.C. 2232(c)(1)) is amended by
 16 striking “under subsection (b)” and inserting “under this
 17 section”.

18 **SEC. 1005. WATERCRAFT INSPECTION STATIONS.**

19 Section 104(d)(1)(A)(iii) of the River and Harbor Act
 20 of 1958 (33 U.S.C. 610(d)(1)(A)(iii)) is amended by strik-
 21 ing “Arizona River” and inserting “Arkansas River”.

22 **SEC. 1006. LOCAL GOVERNMENT RESERVOIR PERMIT RE-**
 23 **VIEW.**

24 Section 1119(b) of the America’s Water Infrastruc-
 25 ture Act of 2018 (33 U.S.C. 2347 note; Public Law 115–

1 270) is amended by striking “owned or operated by the
2 Secretary”.

3 **SEC. 1007. UPPER MISSISSIPPI RIVER PROTECTION.**

4 Section 2010(e) of the Water Resources Reform and
5 Development Act of 2014 (128 Stat. 1270; 132 Stat.
6 3812) is amended by striking “the Act of October 15,
7 1940 (33 U.S.C. 701h-1)” and inserting “section 5 of the
8 Act of June 22, 1936 (commonly known as the ‘Flood
9 Control Act of 1936’) (49 Stat. 1572; chapter 688; 33
10 U.S.C. 701h)”.

11 **SEC. 1008. BENEFICIAL USE OF DREDGED MATERIAL.**

12 Section 1148 of the America’s Water Infrastructure
13 Act of 2018 (33 U.S.C. 2326 note; Public Law 115-270)
14 is amended—

15 (1) in subsection (a)—

16 (A) by striking “grant” and inserting “ap-
17 prove”; and

18 (B) by striking “granting” and inserting
19 “approving”; and

20 (2) in subsection (b), by striking “grants” and
21 inserting “approves”.

1 **SEC. 1009. KLAMATH BASIN WATER SUPPLY ENHANCEMENT**
 2 **ACT OF 2000 TECHNICAL CORRECTIONS.**

3 Section 4(b) of the Klamath Basin Water Supply En-
 4 hancement Act of 2000 (114 Stat. 2222; 132 Stat. 3887)
 5 is amended—

6 (1) in paragraph (1)—

7 (A) in the matter preceding subparagraph

8 (A)—

9 (i) by striking “Pursuant to the ree-
 10 lamation laws and subject” and inserting
 11 “Subject”; and

12 (ii) by striking “may” and inserting
 13 “is authorized to”; and

14 (B) in subparagraph (A), by inserting “,
 15 including conservation and efficiency measures,
 16 land idling, and use of groundwater,” after “ad-
 17 minister programs”;

18 (2) in paragraph (3)(A), by inserting “and”
 19 after the semicolon at the end;

20 (3) by redesignating the second paragraph (4)
 21 (relating to the effect of the subsection) as para-
 22 graph (5); and

23 (4) in paragraph (5) (as so redesignated)—

24 (A) by striking subparagraph (B);

25 (B) in subparagraph (A), by striking “,
 26 or” and inserting a period; and

1 (C) by striking “the Secretary—” and all
 2 that follows through “to develop” in subpara-
 3 graph (A) and inserting “the Secretary to de-
 4 velop”.

5 **SEC. 1010. PROJECT MODIFICATIONS FOR IMPROVEMENT**
 6 **OF ENVIRONMENT.**

7 Section ~~1203~~(g) of the America’s Water Infrastruc-
 8 ture Act of 2018 (~~132~~ Stat. 3805) is amended, in the mat-
 9 ter preceding paragraph (1), by striking “For fiscal years
 10 2019 and 2020” and inserting “Until September 30,
 11 2026”.

12 **SEC. 1011. NON-FEDERAL IMPLEMENTATION PILOT PRO-**
 13 **GRAM.**

14 Section ~~1043~~ of the Water Resources Reform and De-
 15 velopment Act of 2014 (~~33~~ U.S.C. 2201 note; Public Law
 16 ~~113–121~~) is amended—

17 (1) in subsection (a)—

18 (A) in paragraph (4), by striking “this
 19 Act” and inserting “the America’s Water Infra-
 20 structure Act of 2020”;

21 (B) in paragraph (7), by striking “the date
 22 that is” and all that follows through the period
 23 at the end and inserting “December 31, 2026.”;
 24 and

1 (C) in paragraph (8), by striking “2019”
 2 and inserting “2026”; and
 3 (2) in subsection (b)—

4 (A) in paragraph (3)(A), by striking “this
 5 Act” each place it appears and inserting “the
 6 America’s Water Infrastructure Act of 2020”;

7 (B) in paragraph (4), by striking “this
 8 Act” and inserting “the America’s Water Infra-
 9 structure Act of 2020”;

10 (C) in paragraph (7), by striking “the date
 11 that is” and all that follows through the period
 12 at the end and inserting “December 31, 2026.”;
 13 and

14 (D) in paragraph (8), by striking “2023”
 15 and inserting “2026”.

16 **SEC. 1012. THIN LAYER PLACEMENT PILOT PROGRAM.**

17 Section 1122 of the Water Infrastructure Improve-
 18 ments for the Nation Act (33 U.S.C. 2326 note; Public
 19 Law 114-322) is amended—

20 (1) in subsection (b)(1), by striking “20
 21 projects for the beneficial use of dredged material”
 22 and inserting “40 projects for the beneficial use of
 23 dredged material, 10 of which shall be projects using
 24 thin layer placement of dredged fine and coarse

1 grain sediment for the maintenance and restoration
 2 of wetlands”; and

3 ~~(2) in subsection (g), by striking “20” and in-~~
 4 ~~serting “40”.~~

5 **SEC. 1013. ANNUAL REPORT TO CONGRESS ON AUTHOR-**
 6 **IZED STUDIES AND PROJECTS.**

7 (a) IN GENERAL.—Not later than February 1 of each
 8 year, the Secretary shall develop and submit to the Com-
 9 mittees on Appropriations and Environment and Public
 10 Works of the Senate and the Committees on Appropria-
 11 tions and Transportation and Infrastructure of the House
 12 of Representatives an annual report, to be entitled “Re-
 13 port to Congress on Water Resources Development
 14 Projects and Studies Available for Appropriation”, that
 15 identifies each authorized study or authorized water re-
 16 sources development project that—

17 (1) is submitted to the Secretary by a non-Fed-
 18 eral interest pursuant to subsection (b); and

19 (2) meets the criteria established under sub-
 20 section (c)(1)(A).

21 ~~(b) REQUESTS FOR PROPOSALS.—~~

22 ~~(1) PUBLICATION.—~~Not later than May 1 of
 23 each year, the Secretary shall publish in the Federal
 24 Register a notice requesting proposals from non-
 25 Federal interests for authorized studies and author-

1 ized water resources development projects to be in-
 2 cluded in the annual report.

3 ~~(2) DEADLINE FOR REQUESTS.—~~The Secretary
 4 shall include in each notice under this subsection a
 5 requirement that non-Federal interests submit to the
 6 Secretary any proposals described in paragraph ~~(1)~~
 7 by not later than 120 days after the date of publica-
 8 tion of the notice in the Federal Register in order
 9 for the proposals to be considered for inclusion in
 10 the annual report.

11 ~~(3) NOTIFICATION.—~~On the date of publication
 12 of each notice required by this subsection, the Sec-
 13 retary shall—

14 (A) make the notice publicly available, in-
 15 cluding on the internet; and

16 (B) provide written notification of the pub-
 17 lication to the Committees on Appropriations
 18 and Environment and Public Works of the Sen-
 19 ate and the Committees on Appropriations and
 20 Transportation and Infrastructure of the House
 21 of Representatives.

22 ~~(c) CONTENTS.—~~

23 (1) INCLUSIONS.—

24 (A) CRITERIA.—The Secretary shall in-
 25 clude in the annual report only an authorized

1 study or authorized water resources develop-
2 ment project—

3 (i) that has been authorized by Con-
4 gress and does not require any additional
5 authorization to be carried out;

6 (ii) for which funds may be appro-
7 priated under any of the Investigations,
8 Construction, Operation and Maintenance,
9 or Mississippi River and Tributaries appro-
10 priations accounts for the Corps of Engi-
11 neers; and

12 (iii) for which the non-Federal inter-
13 est—

14 (I) in the case of a study or a
15 project other than a project for which
16 funds may be appropriated for oper-
17 ation and maintenance, has entered
18 into, or is willing to enter into, a fea-
19 sibility cost-sharing agreement, design
20 agreement, or project partnership
21 agreement with the Corps of Engi-
22 neers; and

23 (II) demonstrates the legal and
24 financial capability to satisfy the re-

1 quirements of local cooperation for the
2 study or project.

3 ~~(B) DESCRIPTION OF BENEFITS.—~~

4 (i) DESCRIPTION.—The Secretary
5 shall describe in the annual report, to the
6 extent applicable and practicable, for each
7 authorized study and authorized water re-
8 sources development project included in the
9 annual report, the benefits, as described in
10 clause (ii), of each authorized study or
11 project.

12 (ii) BENEFITS.—The benefits referred
13 to in clause (i) are benefits to—

14 (I) the protection of human life
15 and property;

16 (II) improvement to transpor-
17 tation;

18 (III) the national, regional, or
19 local economy;

20 (IV) the environment; or

21 (V) the national security inter-
22 ests of the United States.

23 (2) TRANSPARENCY.—The Secretary shall in-
24 clude in the annual report, for each authorized study

1 and authorized water resources development project
2 included under paragraph (1)(A)—

3 (A) the name of the associated non-Fed-
4 eral interest, including the name of any non-
5 Federal interest that has contributed, or is ex-
6 pected to contribute, a non-Federal share of the
7 cost of the authorized study or authorized water
8 resources development project;

9 (B) the purpose of the authorized study or
10 authorized water resources development project;

11 (C) an estimate, to the extent practicable,
12 of the Federal, non-Federal, and total costs of
13 the authorized study or authorized water re-
14 sources development project, including, to the
15 extent practicable, the fully funded capability of
16 the Corps of Engineers for—

17 (i) the 3 fiscal years following the fis-
18 cal year in which the report is submitted,
19 in the case of an authorized study; and

20 (ii) the 5 fiscal years following the fis-
21 cal year in which the report is submitted,
22 in the case of an authorized water re-
23 sources development project; and

24 (D) an estimate, to the extent practicable,
25 of the monetary and nonmonetary benefits of

1 the authorized study or authorized water re-
2 sources development project.

3 ~~(3)~~ CERTIFICATION.—The Secretary shall in-
4 clude in the annual report a certification stating
5 that each authorized study or authorized water re-
6 sources development project included in the annual
7 report meets the criteria established under para-
8 graph (1)(A).

9 ~~(4)~~ APPENDIX.—

10 (A) IN GENERAL.—The Secretary shall in-
11 clude in the annual report an appendix listing
12 the proposals submitted under subsection (b)
13 that were not included in the annual report
14 under paragraph (1)(A) and a description of
15 why the Secretary determined that those pro-
16 posals did not meet the criteria for inclusion
17 under that paragraph.

18 (B) LIMITATION.—In carrying out sub-
19 paragraph (A), the Secretary shall not include
20 proposals in the appendix of the annual report
21 that otherwise meet the criteria for inclusion in
22 the annual report solely on the basis of a policy
23 of the Secretary.

1 (d) ~~SPECIAL RULE FOR INITIAL ANNUAL REPORT.—~~

2 ~~Notwithstanding any other deadline under this section, the~~

3 ~~Secretary shall—~~

4 (1) ~~not later than 60 days after the date of en-~~
5 ~~actment of this Act, publish in the Federal Register~~
6 ~~a notice under subsection (b)(1); and~~

7 (2) ~~include in the notice a requirement that~~
8 ~~non-Federal interests submit to the Secretary any~~
9 ~~proposals described in subsection (b)(1) by not later~~
10 ~~than 120 days after the date of publication of the~~
11 ~~notice in the Federal Register in order for the pro-~~
12 ~~posals to be considered for inclusion in the first an-~~
13 ~~nuual report developed by the Secretary under this~~
14 ~~section.~~

15 (e) ~~PUBLICATION.—On submission of an annual re-~~
16 ~~port to Congress, the Secretary shall make the annual re-~~
17 ~~port publicly available, including through publication on~~
18 ~~the internet.~~

19 (f) ~~FUNDING.—The Secretary shall develop the an-~~
20 ~~nuual report using funds available and not otherwise obli-~~
21 ~~gated from the Expenses appropriations account for the~~
22 ~~Corps of Engineers.~~

23 (g) ~~DEFINITIONS.—In this section:~~

24 (1) ~~ANNUAL REPORT.—The term “annual re-~~
25 ~~port” means a report under subsection (a).~~

1 ~~(2) AUTHORIZED STUDY.~~—The term “author-
2 ized study” means—

3 ~~(A) a study authorized by Congress to be~~
4 ~~carried out by the Corps of Engineers; or~~

5 ~~(B) a feasibility study (as defined in sec-~~
6 ~~tion 105 of the Water Resources Development~~
7 ~~Act of 1986 (33 U.S.C. 2215)) that has been~~
8 ~~authorized by Congress.~~

9 ~~(3) AUTHORIZED WATER RESOURCES DEVELOP-~~
10 ~~MENT PROJECT.~~—The term “authorized water re-
11 sources development project” includes any water re-
12 sources development project of the Corps of Engi-
13 neers, including a project under an environmental
14 infrastructure assistance program.

15 ~~(4) NON-FEDERAL INTEREST.~~—The term “non-
16 Federal interest” has the meaning given the term in
17 section 221 of the Flood Control Act of 1970 (42
18 U.S.C. 1962d–5b).

19 ~~SEC. 1014. ANNUAL REPORT TO CONGRESS ON WATER RE-~~
20 ~~SOURCES INFRASTRUCTURE.~~

21 Section 7001 of the Water Resources Reform and De-
22 velopment Act of 2014 (33 U.S.C. 2282d) is amended—

23 ~~(1) in subsection (c)(1)(B)(ii)(III), by inserting~~
24 ~~“; regional, or local” after “national”; and~~

1 (2) in subsection (g)(5), by striking “if author-
2 ized” and all that follows through “2016”.

3 **SEC. 1015. OPERATION AND MAINTENANCE.**

4 Section 204(f) of the Water Resources Development
5 Act of 1986 (33 U.S.C. 2232(f)) is amended—

6 (1) in paragraph (1), by redesignating subpara-
7 graphs (A) and (B) as clauses (i) and (ii), respec-
8 tively, and indenting appropriately;

9 (2) by redesignating paragraphs (1) through
10 (3) as subparagraphs (A) through (C), respectively,
11 and indenting appropriately;

12 (3) in the matter preceding subparagraph (A)
13 (as so redesignated), by striking “Whenever” and in-
14 serting the following:

15 “(1) IN GENERAL.—Subject to paragraph (2),
16 in any case in which”; and

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

18 “(2) REPORT.—

19 “(A) IN GENERAL.—To be eligible for as-
20 sumption of operation and maintenance of im-
21 provements to a federally authorized harbor or
22 inland harbor, a non-Federal interest shall sub-
23 mit to the Secretary a report on the improve-
24 ments carried out by the non-Federal interest
25 under paragraph (1).

1 “(B) INCLUSIONS.—A report under sub-
 2 paragraph (A) shall include any information
 3 necessary for the Secretary to make a deter-
 4 mination under paragraph (1), including—

5 “(i) economic justification for the im-
 6 provements;

7 “(ii) details of the project improve-
 8 ment plan and design;

9 “(iii) proposed arrangements for the
 10 work to be performed; and

11 “(iv) documents relating to any appli-
 12 cable permits required for the project im-
 13 provements.

14 “(3) REQUIREMENTS.—

15 “(A) PEER REVIEW WAIVER.—In the case
 16 of a project with a cost of less than
 17 \$200,000,000, the Secretary shall not be re-
 18 quired to subject the project to independent
 19 peer review pursuant to section 2034 of the
 20 Water Resources Development Act of 2007 (33
 21 U.S.C. 2343).

22 “(B) CALCULATION OF COSTS.—In calcu-
 23 lating the benefit-cost ratio for a project under
 24 paragraph (1), the Secretary shall not include
 25 non-Federal costs.

1 “(4) ~~DEADLINE.~~—The Secretary shall make a
 2 determination on whether the requirement under
 3 paragraph (1)(A)(i) has been met by not later than
 4 180 days after the date on which the Secretary re-
 5 ceives the report under paragraph (2).”.

6 **SEC. 1016. TRANSPARENCY AND ACCOUNTABILITY IN COST**
 7 **SHARING FOR WATER RESOURCES DEVELOP-**
 8 **MENT PROJECTS.**

9 Section 1120 of the America’s Water Infrastructure
 10 Act of 2018 (33 U.S.C. 2315b) is amended by adding at
 11 the end the following:

12 “(d) ~~EXCESS FUNDS.~~—In the case of a beach nour-
 13 ishment project carried out by the Secretary for which
 14 funds in excess of the funds needed to complete the nour-
 15 ishment cycle in the current fiscal year have been contrib-
 16 uted by a non-Federal interest, on the request of the non-
 17 Federal interest, the Secretary shall, at the end of the fis-
 18 cal year—

19 “(1) transfer the excess non-Federal funds to
 20 the non-Federal interest; or

21 “(2) transfer the excess non-Federal funds to a
 22 separate account of the Secretary, in which the
 23 funds shall remain available until the non-Federal
 24 interest uses the funds to pay the cost-share for

1 other projects carried out by the Secretary for which
 2 a non-Federal cost-share is required.”.

3 **SEC. 1017. CONTINUING AUTHORITY PROGRAMS.**

4 (a) ~~SMALL OR DISADVANTAGED COMMUNITIES.—~~

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

6 (A) ~~CONTINUING AUTHORITY PROGRAM.—~~

7 The term “continuing authority program”
 8 means any of—

9 (i) section 14 of the Flood Control
 10 Act of 1946 (~~33 U.S.C. 701r~~);

11 (ii) section 3 of the Act of August 13,
 12 1946 (~~60 Stat. 1056, chapter 960; 33~~
 13 ~~U.S.C. 426g~~);

14 (iii) section 107 of the River and Har-
 15 bor Act of 1960 (~~33 U.S.C. 577~~);

16 (iv) section 111 of the River and Har-
 17 bor Act of 1968 (~~33 U.S.C. 426i~~);

18 (v) section 204 of the Water Re-
 19 sources Development Act of 1992 (~~33~~
 20 ~~U.S.C. 2326~~);

21 (vi) section 205 of the Flood Control
 22 Act of 1948 (~~33 U.S.C. 701s~~);

23 (vii) section 206 of the Water Re-
 24 sources Development Act of 1996 (~~33~~
 25 ~~U.S.C. 2330~~);

1 (viii) section 2 of the Act of August
2 28, 1937 (50 Stat. 877, chapter 877; 33
3 U.S.C. 701g); and

4 (ix) section 1135 of the Water Re-
5 sources Development Act of 1986 (33
6 U.S.C. 2309a).

7 (B) ~~DISADVANTAGED COMMUNITY.~~—The
8 term “disadvantaged community” means a city,
9 town, or other incorporated or unincorporated
10 political subdivision of a State that—

11 (i) provides general local government
12 for a population of less than 20,000; and

13 (ii)(I) is an economically distressed
14 area (as defined in section 1083(a));

15 (II) is at risk from repeat flooding
16 events; or

17 (III) has a degraded ecosystem.

18 (C) ~~SMALL COMMUNITY.~~—The term “small
19 community” means a city, town, or other incor-
20 porated or unincorporated political subdivision
21 of a State that provides general local govern-
22 ment for a population of less than 10,000.

23 (2) ~~COST-SHARE FOR SMALL COMMUNITIES AND~~
24 ~~DISADVANTAGED COMMUNITIES.~~—Subject to para-
25 graph (3), in carrying out a project under a con-

1 tinuing authority program in a small community or
 2 a disadvantaged community, if the Secretary deter-
 3 mines that the life safety, economic viability, or envi-
 4 ronmental sustainability of the community would be
 5 threatened without the project, the Secretary shall
 6 reduce the non-Federal cost share applicable to the
 7 project through a mutual agreement between the
 8 Corps of Engineers and the non-Federal interest, in
 9 an amount that is—

10 (A) not less than 10 percent of the total
 11 project cost; and

12 (B) up to 100 percent of the non-Federal
 13 cost share applicable to the project.

14 (3) LIMITATIONS.—In any fiscal year, the Sec-
 15 retary may apply a waiver under paragraph (2) to—

16 (A) not more than 50 projects in small
 17 communities;

18 (B) not more than 50 projects in disadvan-
 19 taged communities;

20 (C) not more than 3 projects in small com-
 21 munities within any 1 district of the Corps of
 22 Engineers; and

23 (D) not more than 3 projects in disadvan-
 24 taged communities within any 1 district of the
 25 Corps of Engineers.

1 (b) AUTHORIZATIONS OF APPROPRIATIONS AND
2 PROJECT LIMITS.—

3 (1) EMERGENCY STREAMBANK AND SHORELINE
4 PROTECTION.—Section 14 of the Flood Control Act
5 of 1946 (33 U.S.C. 701r) is amended—

6 (A) by striking “\$25,000,000” and insert-
7 ing “the amount described in subsection (b)”;

8 (B) in the proviso, by striking “That not
9 more” and inserting “That, except as provided
10 in subsection (c), not more”;

11 (C) by striking “The Secretary” and in-
12 serting the following:

13 “(a) IN GENERAL.—The Secretary”; and

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

15 “(b) AMOUNTS DESCRIBED.—The amount referred
16 to in subsection (a) is—

17 “(1) for fiscal year 2021, \$28,000,000;

18 “(2) for fiscal year 2022, \$28,500,000;

19 “(3) for fiscal year 2023, \$29,000,000;

20 “(4) for fiscal year 2024, \$29,500,000;

21 “(5) for fiscal year 2025, \$30,000,000;

22 “(6) for fiscal year 2026, \$30,500,000;

23 “(7) for fiscal year 2027, \$31,000,000;

24 “(8) for fiscal year 2028, \$31,500,000;

25 “(9) for fiscal year 2029, \$32,000,000; and

1 “(10) for fiscal year 2030 and each fiscal year
2 thereafter, \$32,500,000.

3 “(e) INCREASE.—The Secretary may increase the
4 maximum amount for a single project under the proviso
5 in subsection (a) by an amount equal to not more than
6 20 percent, if the Secretary determines the increase to be
7 appropriate.”.

8 (2) STORM AND HURRICANE RESTORATION AND
9 IMPACT MINIMIZATION PROGRAM.—Section 3(e) of
10 the Act of August 13, 1946 (33 U.S.C. 426g(e)) is
11 amended—

12 (A) in paragraph (1)—

13 (i) by striking “\$37,500,000” and in-
14 serting “the amount described in subpara-
15 graph (B)”;

16 (ii) by striking the paragraph designa-
17 tion and heading and all that follows
18 through “Subject to paragraph (2)” and
19 inserting the following:

20 “(1) ANNUAL LIMIT.—

21 “(A) IN GENERAL.—Subject to paragraph
22 (2)”;

23 (iii) by adding at the end the fol-
24 lowing:

1 ~~“(B) AMOUNTS DESCRIBED.—~~The amount
 2 referred to in subparagraph (A) is—

3 ~~“(i) for fiscal year 2021, \$41,500,000;~~

4 ~~“(ii) for fiscal year 2022,~~
 5 ~~\$42,000,000;~~

6 ~~“(iii) for fiscal year 2023,~~
 7 ~~\$42,500,000;~~

8 ~~“(iv) for fiscal year 2024,~~
 9 ~~\$43,000,000;~~

10 ~~“(v) for fiscal year 2025,~~
 11 ~~\$43,500,000;~~

12 ~~“(vi) for fiscal year 2026,~~
 13 ~~\$44,000,000;~~

14 ~~“(vii) for fiscal year 2027,~~
 15 ~~\$44,500,000;~~

16 ~~“(viii) for fiscal year 2028,~~
 17 ~~\$45,000,000;~~

18 ~~“(ix) for fiscal year 2029,~~
 19 ~~\$45,500,000; and~~

20 ~~“(x) for fiscal year 2030 and each fis-~~
 21 ~~eal year thereafter, \$46,000,000.”; and~~

22 ~~(B) in paragraph (2)—~~

23 (i) by redesignating subparagraphs
 24 (A) and (B) as clauses (i) and (ii), respec-
 25 tively, and indenting appropriately;

1 (ii) in the matter preceding clause (i)
 2 (as so redesignated), by striking “The total
 3 amount” and inserting the following:

4 “(A) IN GENERAL.—Except as provided in
 5 subparagraph (B), the total amount”; and

6 (iii) by adding at the end the fol-
 7 lowing:

8 “(B) INCREASE.—The Secretary may in-
 9 crease the maximum amount under subpara-
 10 graph (A)(ii) by an amount equal to not more
 11 than 20 percent, if the Secretary determines the
 12 increase to be appropriate.”.

13 (3) SMALL RIVER AND HARBOR IMPROVEMENT
 14 PROJECTS.—Section 107 of the River and Harbor
 15 Act of 1960 (33 U.S.C. 577) is amended—

16 (A) in subsection (a)—

17 (i) by striking “\$62,500,000” and in-
 18 serting “the amount described in para-
 19 graph (2)”;

20 (ii) by striking the subsection designa-
 21 tion and all that follows through “That the
 22 Secretary” and inserting the following:

23 “(a) AUTHORIZATION.—

24 “(1) IN GENERAL.—The Secretary”; and

1 (iii) by adding at the end the fol-
 2 lowing:

3 “(2) AMOUNTS DESCRIBED.—The amount re-
 4 ferred to in paragraph (1) is—

5 “(A) for fiscal year 2021, \$69,000,000;

6 “(B) for fiscal year 2022, \$69,500,000;

7 “(C) for fiscal year 2023, \$70,000,000;

8 “(D) for fiscal year 2024, \$70,500,000;

9 “(E) for fiscal year 2025, \$71,000,000;

10 “(F) for fiscal year 2026, \$71,500,000;

11 “(G) for fiscal year 2027, \$72,000,000;

12 “(H) for fiscal year 2028, \$72,500,000;

13 “(I) for fiscal year 2029, \$73,000,000; and

14 “(J) for fiscal year 2030 and each fiscal
 15 year thereafter, \$73,500,000.”; and

16 (B) in subsection (b)—

17 (i) by striking the subsection designa-
 18 tion and all that follows through “Not
 19 more than” and inserting the following:

20 “(b) LIMITATION.—

21 “(1) IN GENERAL.—Except as provided in para-
 22 graph (2), not more than”; and

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

1 ~~“(2) INCREASE.—~~The Secretary may increase
 2 the maximum amount under paragraph (1) by an
 3 amount equal to not more than 20 percent, if the
 4 Secretary determines the increase to be appro-
 5 priate.”.

6 ~~(4) SHORE DAMAGE PREVENTION OR MITIGA-~~
 7 ~~TION.—~~

8 (A) IN GENERAL.—Section 111(e) of the
 9 River and Harbor Act of 1968 (33 U.S.C.
 10 426i(e)) is amended—

11 (i) by striking “No such project shall
 12 be initiated” and inserting the following:

13 ~~“(1) IN GENERAL.—~~Except as provided in para-
 14 graph (2), a project under this section shall not be
 15 initiated”; and

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

18 ~~“(2) INCREASE.—~~The Secretary may increase
 19 the maximum amount under paragraph (1) by an
 20 amount equal to not more than 20 percent, if the
 21 Secretary determines the increase to be appro-
 22 priate.”.

23 (B) CERTAIN PROJECT.—Section 3085 of
 24 the Water Resources Development Act of 2007
 25 (121 Stat. 1129) is amended—

1 (i) by striking “The maximum” and
 2 inserting the following:

3 “(a) IN GENERAL.—Except as provided in subsection
 4 (b), the maximum”; and

5 (ii) by adding at the end the fol-
 6 lowing:

7 “(b) INCREASE.—The Secretary may increase the
 8 maximum amount under subsection (a) by an amount
 9 equal to not more than 20 percent, if the Secretary deter-
 10 mines the increase to be appropriate.”.

11 (5) REGIONAL SEDIMENT MANAGEMENT.—Sec-
 12 tion 204 of the Water Resources Development Act
 13 of 1992 (33 U.S.C. 2226) is amended—

14 (A) in subsection (c)(1)(C)—

15 (i) by striking “The total” and insert-
 16 ing the following:

17 “(i) IN GENERAL.—Except as pro-
 18 vided in clause (ii), the total”; and

19 (ii) by adding at the end the fol-
 20 lowing:

21 “(ii) INCREASE.—The Secretary may
 22 increase the maximum amount under
 23 clause (i) by an amount equal to not more
 24 than 20 percent, if the Secretary deter-
 25 mines the increase to be appropriate.”; and

1 (B) by striking subsection (g) and insert-
2 ing the following:

3 ~~“(g) AUTHORIZATION OF APPROPRIATIONS.—~~

4 ~~“(1) IN GENERAL.—~~There are authorized to be
5 appropriated to carry out this section—

6 ~~“(A) for fiscal year 2021, \$69,000,000;~~

7 ~~“(B) for fiscal year 2022, \$69,500,000;~~

8 ~~“(C) for fiscal year 2023, \$70,000,000;~~

9 ~~“(D) for fiscal year 2024, \$70,500,000;~~

10 ~~“(E) for fiscal year 2025, \$71,000,000;~~

11 ~~“(F) for fiscal year 2026, \$71,500,000;~~

12 ~~“(G) for fiscal year 2027, \$72,000,000;~~

13 ~~“(H) for fiscal year 2028, \$72,500,000;~~

14 ~~“(I) for fiscal year 2029, \$73,000,000; and~~

15 ~~“(J) for fiscal year 2030 and each fiscal~~
16 ~~year thereafter, \$73,500,000.~~

17 ~~“(2) SET-ASIDES.—~~Of the amounts made avail-
18 able under paragraph (1) for each fiscal year—

19 ~~“(A) not more than \$5,000,000 may be~~
20 used for the development of regional sediment
21 management plans under subsection (c); and

22 ~~“(B) not more than \$3,000,000 may be~~
23 used for construction of projects to which sub-
24 section (c)(1)(B)(ii) applies.

1 ~~“(3) AVAILABILITY.—Amounts made available~~
 2 ~~under paragraph (1) shall remain available until ex-~~
 3 ~~pendent.”.~~

4 ~~(6) SMALL FLOOD CONTROL PROJECTS.—Sec-~~
 5 ~~tion 205 of the Flood Control Act of 1948 (33~~
 6 ~~U.S.C. 701s) is amended—~~

7 ~~(A) in the fifth sentence, by striking “The~~
 8 ~~work” and inserting the following:~~

9 ~~“(e) NO ADDITIONAL IMPROVEMENTS.—A project~~
 10 ~~carried out under this section”;~~

11 ~~(B) in the fourth sentence, by striking~~
 12 ~~“The provisions” and inserting the following:~~

13 ~~“(d) LOCAL COOPERATION.—The provisions”;~~

14 ~~(C) in the third sentence—~~

15 ~~(i) by striking “Not more than” and~~
 16 ~~inserting the following:~~

17 ~~“(e) PROJECT LIMIT.—~~

18 ~~“(1) IN GENERAL.—Except as provided in para-~~
 19 ~~graph (2), not more than”; and~~

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

22 ~~“(2) INCREASE.—The Secretary may increase~~
 23 ~~the maximum amount under paragraph (1) by an~~
 24 ~~amount equal to not more than 20 percent, if the~~

1 Secretary determines the increase to be appro-
 2 priate.”;

3 (D) in the second sentence, by striking
 4 “The amount” and inserting the following:

5 “(b) FEDERAL PARTICIPATION.—The amount”; and

6 (E) in the first sentence—

7 (i) by striking “\$68,750,000” and in-
 8 serting “the amount described in para-
 9 graph (2)”;

10 (ii) by striking “That the Secretary”
 11 and inserting the following:

12 “(a) AUTHORIZATION.—

13 “(1) IN GENERAL.—The Secretary”; and

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

16 “(2) AMOUNTS DESCRIBED.—The amount re-
 17 ferred to in paragraph (1) is—

18 “(A) for fiscal year 2021, \$76,000,000;

19 “(B) for fiscal year 2022, \$76,500,000;

20 “(C) for fiscal year 2023, \$77,000,000;

21 “(D) for fiscal year 2024, \$77,500,000;

22 “(E) for fiscal year 2025, \$78,000,000;

23 “(F) for fiscal year 2026, \$78,500,000;

24 “(G) for fiscal year 2027, \$79,000,000;

25 “(H) for fiscal year 2028, \$79,500,000;

1 “(I) for fiscal year 2029, \$80,000,000; and

2 “(J) for fiscal year 2030 and each fiscal
3 year thereafter, \$80,500,000.”.

4 (7) AQUATIC ECOSYSTEM RESTORATION.—Sec-
5 tion 206 of the Water Resources Development Act
6 of 1996 (33 U.S.C. 2230) is amended—

7 (A) in subsection (d)—

8 (i) by striking “Not more than” and
9 inserting the following:

10 “(1) IN GENERAL.—Except as provided in para-
11 graph (2), not more than”; and

12 (ii) by adding at the end the fol-
13 lowing:

14 “(2) INCREASE.—The Secretary may increase
15 the maximum amount under paragraph (1) by an
16 amount equal to not more than 20 percent, if the
17 Secretary determines the increase to be appro-
18 priate.”; and

19 (B) by striking subsection (f) and inserting
20 the following:

21 “(f) AUTHORIZATION OF APPROPRIATIONS.—There
22 are authorized to be appropriated to carry out this sec-
23 tion—

24 “(1) for fiscal year 2021, \$69,000,000;

25 “(2) for fiscal year 2022, \$69,500,000;

1 ~~“(3) for fiscal year 2023, \$70,000,000;~~
 2 ~~“(4) for fiscal year 2024, \$70,500,000;~~
 3 ~~“(5) for fiscal year 2025, \$71,000,000;~~
 4 ~~“(6) for fiscal year 2026, \$71,500,000;~~
 5 ~~“(7) for fiscal year 2027, \$72,000,000;~~
 6 ~~“(8) for fiscal year 2028, \$72,500,000;~~
 7 ~~“(9) for fiscal year 2029, \$73,000,000; and~~
 8 ~~“(10) for fiscal year 2030 and each fiscal year~~
 9 ~~thereafter, \$73,500,000.”.~~

10 ~~(8) REMOVAL OF OBSTRUCTIONS; CLEARING~~
 11 ~~CHANNELS.—Section 2 of the Act of August 28,~~
 12 ~~1937 (50 Stat. 877, chapter 877; 33 U.S.C. 701g)~~
 13 ~~is amended—~~

14 ~~(A) by striking “flood control:” and all~~
 15 ~~that follows through “not more than” and in-~~
 16 ~~serting the following: “flood control.~~

17 ~~“(b) PROJECT LIMIT.—~~

18 ~~“(1) IN GENERAL.—Except as provided in para-~~
 19 ~~graph (2), not more than”;~~

20 ~~(B) by adding at the end the following:~~

21 ~~“(2) INCREASE.—The Secretary may increase~~
 22 ~~the maximum amount under paragraph (1) by an~~
 23 ~~amount equal to not more than 20 percent, if the~~
 24 ~~Secretary determines the increase to be appro-~~
 25 ~~priate.”;~~

1 (C) by striking “The Secretary of the
2 Army is authorized to allot not to exceed
3 \$7,500,000” and inserting the following:

4 “(a) AUTHORIZATION.—

5 “(1) IN GENERAL.—The Secretary of the Army
6 may allot not more than the amount described in
7 paragraph (2)”; and

8 (D) in subsection (a) (as so designated), by
9 adding at the end the following:

10 “(2) AMOUNTS DESCRIBED.—The amount re-
11 ferred to in paragraph (1) is—

12 “(A) for fiscal year 2021, \$8,500,000;

13 “(B) for fiscal year 2022, \$9,000,000;

14 “(C) for fiscal year 2023, \$9,500,000;

15 “(D) for fiscal year 2024, \$10,000,000;

16 “(E) for fiscal year 2025, \$10,500,000;

17 “(F) for fiscal year 2026, \$11,000,000;

18 “(G) for fiscal year 2027, \$11,500,000;

19 “(H) for fiscal year 2028, \$12,000,000;

20 “(I) for fiscal year 2029, \$12,500,000; and

21 “(J) for fiscal year 2030 and each fiscal
22 year thereafter, \$13,000,000.”.

23 (9) PROJECT MODIFICATIONS FOR IMPROVE-
24 MENT OF ENVIRONMENT.—Section 1135 of the

1 Water Resources Development Act of 1986 (33
2 U.S.C. 2309a) is amended—

3 (A) in subsection (d)—

4 (i) in the third sentence—

5 (I) by striking “Not more than”
6 and inserting the following:

7 “~~(3)~~ PROJECT LIMIT.—

8 “(A) IN GENERAL.—Except as provided in
9 subparagraph (B), not more than”; and

10 (II) by adding at the end the fol-
11 lowing:

12 “~~(B)~~ INCREASE.—The Secretary may in-
13 crease the maximum amount under subpara-
14 graph (A) by an amount equal to not more than
15 20 percent, if the Secretary determines the in-
16 crease to be appropriate.”;

17 (ii) in the second sentence, by striking

18 “~~The non-Federal share~~” and inserting the
19 following:

20 “~~(2)~~ IN-KIND CONTRIBUTIONS.—The non-Fed-
21 eral share”; and

22 (iii) in the first sentence, by striking

23 “~~The non-Federal share~~” and inserting the
24 following:

1 “(1) IN GENERAL.—The non-Federal share”;
2 and

3 (B) by striking subsection (h) and insert-
4 ing the following:

5 “(h) AUTHORIZATION OF APPROPRIATIONS.—There
6 are authorized to be appropriated to carry out this sec-
7 tion—

8 “(1) for fiscal year 2021, \$55,000,000;

9 “(2) for fiscal year 2022, \$55,500,000;

10 “(3) for fiscal year 2023, \$56,000,000;

11 “(4) for fiscal year 2024, \$56,500,000;

12 “(5) for fiscal year 2025, \$57,000,000;

13 “(6) for fiscal year 2026, \$57,500,000;

14 “(7) for fiscal year 2027, \$58,000,000;

15 “(8) for fiscal year 2028, \$58,500,000;

16 “(9) for fiscal year 2029, \$59,000,000; and

17 “(10) for fiscal year 2030 and each fiscal year
18 thereafter, \$59,500,000.”.

19 **SEC. 1018. SHORE DAMAGE PREVENTION OR MITIGATION.**

20 Section 111 of the River and Harbor Act of 1968
21 (33 U.S.C. 426i) is amended by adding at the end the
22 following:

23 “(f) USE OF UNITED STATES FISH AND WILDLIFE
24 SERVICE FUNDS.—The Director of the United States Fish
25 and Wildlife Service shall allow a non-Federal interest to

1 use funds from the Service to satisfy all or a portion of
 2 the non-Federal share of the costs of a project under this
 3 section.”.

4 **SEC. 1019. SEDIMENT MANAGEMENT PLAN.**

5 (a) IN GENERAL.—

6 (1) INITIAL PLAN.—Not later than 1 year after
 7 the date of enactment of this Act, the District Com-
 8 mander of each district of the Corps of Engineers
 9 that carries out any dredging activity for navigation
 10 or other water resources development project pur-
 11 poses shall develop, at full Federal expense, and sub-
 12 mit to the Secretary a 5-year sediment management
 13 plan.

14 (2) SCOPE.—Each plan developed under this
 15 section shall include—

16 (A) a sediment budget for each watershed
 17 or littoral system within the district;

18 (B) a description of the scheduled dredging
 19 and other sediment removal activities;

20 (C) an estimate of the amount of sediment
 21 anticipated to be dredged or removed as a re-
 22 sult of each activity described under subpara-
 23 graph (B); and

24 (D) an evaluation of—

1 (i) the suitability of the sediment an-
 2 ticipated to be dredged or removed as a re-
 3 sult of each activity described under sub-
 4 paragraph (B) for a full range of beneficial
 5 uses; and

6 (ii) the economic and environmental
 7 benefits and impacts; and feasibility, of
 8 using the material for such beneficial uses.

9 ~~(3) REVISION.—On an annual basis, the Dis-~~
 10 ~~trict Commander of each district of the Corps of En-~~
 11 ~~gineers shall—~~

12 ~~(A) revise the plan developed under para-~~
 13 ~~graph (1); and~~

14 ~~(B) submit the revised plan to the Sec-~~
 15 ~~retary.~~

16 ~~(b) PUBLIC COMMENT.—In developing or revising a~~
 17 ~~plan under subsection (a), a District Commander shall~~
 18 ~~provide notice and an opportunity for public comment.~~

19 ~~(c) PUBLICATION.—A District Commander that de-~~
 20 ~~velops or revises a plan under subsection (a) shall make~~
 21 ~~the plan or revision to the plan, as applicable, publicly~~
 22 ~~available.~~

23 ~~(d) TRANSMISSION TO CONGRESS.—As soon as prac-~~
 24 ~~ticable after receiving a plan or a revision to a plan under~~

1 subsection (a), the Secretary shall transmit the plan or
 2 revision to the plan, as applicable, to Congress.

3 ~~(c) REGIONAL SEDIMENT MANAGEMENT PLANS.—A~~
 4 ~~plan developed under this section—~~

5 ~~(1) shall be in addition to regional sediment~~
 6 ~~management plans prepared under section 204(a) of~~
 7 ~~the Water Resources Development Act of 1992 (33~~
 8 ~~U.S.C. 2326(a)); and~~

9 ~~(2) shall not be subject to section 204(g) of the~~
 10 ~~Water Resources Development Act of 1992 (33~~
 11 ~~U.S.C. 2326(g)).~~

12 **SEC. 1020. CRITERIA FOR FUNDING ENVIRONMENTAL IN-**
 13 **FRASTRUCTURE PROJECTS.**

14 ~~(a) CERTAIN ENVIRONMENTAL PROJECTS.—~~

15 ~~(1) IN GENERAL.—Except as provided in para-~~
 16 ~~graph (3), the Secretary shall develop written cri-~~
 17 ~~teria for the ranking of environmental infrastructure~~
 18 ~~projects of the Secretary for the purpose of~~
 19 ~~prioritizing funding, including, at a minimum—~~

20 ~~(A) the extent of the local economic impact~~
 21 ~~of the project;~~

22 ~~(B) whether the project is in a rural com-~~
 23 ~~munity;~~

1 (C) whether the project is in or would ben-
 2 efit counties or communities with high poverty
 3 rates; and

4 (D) whether the project is in a financially
 5 distressed area.

6 (2) INCLUSION IN GUIDANCE.—The Secretary
 7 shall include the criteria developed under paragraph
 8 (1) in the annual Civil Works Direct Program Devel-
 9 opment Policy Guidance of the Secretary.

10 (3) APPLICABILITY.—This subsection shall not
 11 apply to any environmental infrastructure project
 12 authorized under section 219 of the Water Re-
 13 sources Development Act of 1992 (106 Stat. 4835).

14 (b) ENVIRONMENTAL INFRASTRUCTURE.—Section
 15 219 of the Water Resources Development Act of 1992
 16 (106 Stat. 4835; 113 Stat. 335) is amended by adding
 17 at the end the following:

18 “(g) CRITERIA FOR RANKING PROJECTS.—

19 “(1) IN GENERAL.—The Secretary shall develop
 20 written criteria for ranking projects authorized
 21 under this section for funding.

22 “(2) REQUIREMENTS.—The written criteria
 23 under paragraph (1) shall include—

24 “(A) the benefits of the project to the local
 25 economy;

1 “(B) the extent to which the project will
2 enhance local development;

3 “(C) the number of jobs that will be di-
4 rectly created by the project; and

5 “(D) any other criteria that the Secretary
6 considers to be appropriate.”.

7 **SEC. 1021. AGING INFRASTRUCTURE.**

8 (a) DEFINITIONS.—In this section:

9 (1) AGING INFRASTRUCTURE.—The term
10 “aging infrastructure” means a project of the Corps
11 of Engineers or any other water resources, water
12 storage, or irrigation project of another Federal
13 agency that is greater than 75 years old.

14 (2) ENHANCED INSPECTION.—The term “en-
15 hanced inspection” means an inspection that uses
16 current or innovative technology, including Light
17 Detection and Ranging (commonly known as
18 “LiDAR”), ground penetrating radar, subsurface
19 imaging, or subsurface geophysical techniques, to de-
20 tect whether the features of the aging infrastructure
21 are structurally sound and can operate as intended,
22 or are at risk of failure.

23 (b) CONTRACTS FOR ENHANCED INSPECTION.—

24 (1) IN GENERAL.—The Secretary is authorized
25 to enter into a contract with another Federal agency

1 or a non-Federal entity that owns, or operates and
 2 maintains, a water resources, water storage, or irri-
 3 gation project for carrying out enhanced inspections
 4 of aging infrastructure.

5 (2) CERTAIN CIRCUMSTANCES.—Subject to the
 6 availability of appropriations, the Secretary shall
 7 enter into a contract described in paragraph (1),
 8 if—

9 (A) another Federal agency or a non-Fed-
 10 eral entity requests that the Secretary carry out
 11 the inspections; and

12 (B) the inspection is at the full expense of
 13 the other Federal agency or non-Federal entity
 14 requesting the inspections.

15 (c) LIMITATION.—The Secretary shall not require a
 16 non-Federal entity associated with a project under the ju-
 17 risdiction of another Federal agency to carry out corree-
 18 tive or remedial actions in response to an inspection under
 19 this section.

20 (d) AUTHORIZATION OF APPROPRIATIONS.—There is
 21 authorized to be appropriated to carry out this section
 22 \$20,000,000, to remain available until expended.

1 **SEC. 1022. EXPEDITING REPAIRS AND RECOVERY FROM**
2 **FLOODING.**

3 (a) **IN GENERAL.**—During the 5-year period begin-
4 ning on the date of enactment of this Act, the Secretary
5 shall prioritize and expedite the processing of applications
6 for permits under section 10 of the Act of March 3, 1899
7 (commonly known as the “Rivers and Harbors Act of
8 1899”) (30 Stat. 1151, chapter 425; 33 U.S.C. 403), and
9 section 404 of the Federal Water Pollution Control Act
10 (33 U.S.C. 1344), and permissions under section 14 of
11 the Act of March 3, 1899 (commonly known as the “Riv-
12 ers and Harbors Act of 1899”) (30 Stat. 1152, chapter
13 425; 33 U.S.C. 408), to complete repairs, reconstruction
14 (including improvements), and upgrades to flood control
15 infrastructure damaged by flooding events during calendar
16 years 2017 through 2020, including flooding events
17 caused by ice jams.

18 (b) **PUBLIC INTEREST.**—An activity described in sub-
19 section (a) shall be considered to be in the public interest,
20 unless the activity would induce flooding in another loca-
21 tion.

22 (c) **SAVINGS PROVISION.**—Nothing in this section af-
23 fects, preempts, or interferes with any obligation to com-
24 ply with the provisions of any Federal environmental law,
25 including—

1 (1) the National Environmental Policy Act of
2 1969 (42 U.S.C. 4321 et seq.);

3 (2) the Federal Water Pollution Control Act
4 (33 U.S.C. 1251 et seq.); and

5 (3) the Endangered Species Act of 1973 (16
6 U.S.C. 1531 et seq.).

7 **SEC. 1023. UPPER SNAKE RIVER LEVEES.**

8 (a) IN GENERAL.—The Secretary shall prioritize and
9 expedite, in coordination with State and local authorities,
10 the completion of maintenance and repair activities to
11 levee systems that are—

12 (1) operated and maintained by the Secretary;
13 and

14 (2) in the Upper Snake River Basin.

15 (b) SAVINGS PROVISION.—Nothing in this section
16 modifies or waives the responsibility of the Secretary to
17 comply with any applicable Federal law in carrying out
18 this section.

19 **SEC. 1024. UNIFORMITY OF NOTIFICATION SYSTEMS.**

20 (a) INVENTORY.—Not later than 180 days after the
21 date of enactment of this Act, the Secretary shall complete
22 an inventory of all communication and notification sys-
23 tems used by the Corps of Engineers with respect to
24 projects, initiatives, and facilities of the Corps of Engi-
25 neers.

1 (b) ~~UNIFORM PLAN.~~—

2 (1) ~~IN GENERAL.~~—Not later than 1 year after
3 the date of enactment of this Act, the Secretary
4 shall develop a plan for the uniformity of commu-
5 nication and notification systems for projects, initia-
6 tives, and facilities of the Corps of Engineers.

7 (2) ~~INCLUSIONS.~~—The plan under paragraph
8 (1) shall—

9 (A) provide access to information in all
10 forms practicable, including email, text mes-
11 sages, news programs and websites, radio, and
12 other forms of notification;

13 (B) establish a notification system for any
14 projects, initiatives, or facilities of the Corps of
15 Engineers that do not have a notification sys-
16 tem;

17 (C) streamline existing communication and
18 notification systems to improve the strength
19 and uniformity of those systems; and

20 (D) emphasize the necessity of timeliness
21 in notification systems and ensure that the
22 methods of notification can transmit informa-
23 tion in a timely manner.

24 (3) ~~IMPLEMENTATION.~~—

(A) IN GENERAL.—Except as provided in subparagraph (B), not later than 2 years after the date of enactment of this Act, the Secretary shall complete the implementation of the plan under paragraph (1).

(B) EMERGENCY MANAGEMENT NOTIFICATION.—Not later than 18 months after the date of enactment of this Act, the Secretary shall implement the provisions of the plan relating to emergency management notifications.

(4) SAVINGS PROVISION.—Nothing in this section authorizes the elimination of any existing communication or notification system used by the Corps of Engineers.

SEC. 1025. SUSQUEHANNA, DELAWARE, AND POTOMAC RIVER BASIN COMMISSIONS.

Section 5019 of the Water Resources Development Act of 2007 (121 Stat. 1201; 128 Stat. 1307) is amended—

(1) in subsection (a)(3), by inserting “, who may be the Administrator of the Environmental Protection Agency (referred to in this section as the ‘Administrator’) (or a designee),” after “member”, and

(2) in subsection (b)—

1 (A) in paragraph (1), by striking “The
2 Secretary” and inserting “Subject to the avail-
3 ability of appropriations, the Administrator”;

4 (B) in paragraph (2), by striking “For
5 each fiscal year, the Secretary” and inserting
6 “Subject to the availability of appropriations,
7 for each fiscal year, the Administrator”; and

8 (C) in paragraph (3), by striking “Sec-
9 retary” each place it appears and inserting
10 “Administrator”.

11 **SEC. 1026. WILMINGTON HARBOR SOUTH DISPOSAL AREA,**
12 **DELAWARE.**

13 (a) **SEDIMENT FILL HEIGHT.**—Sediment fill in the
14 Wilmington Harbor South Disposal Area confined disposal
15 facility, Delaware, shall not be more than 45 feet.

16 (b) **USE.**—Until the conveyance under subsection (c)
17 is completed, the Wilmington Harbor South Disposal Area
18 confined disposal facility, Delaware, shall be used for the
19 purposes of—

20 (1) a dredge disposal facility for the Port of
21 Edgemoor; and

22 (2) other uses, as determined by the State of
23 Delaware.

24 (c) **CONVEYANCE.**—As soon as practicable after sedi-
25 ment fill in the Wilmington Harbor South Disposal Area

1 confined disposal facility, Delaware, reaches 45 feet, the
 2 Secretary shall complete the conveyance of nonusable land
 3 at the Wilmington Harbor South Disposal Area confined
 4 disposal facility, Delaware, to the State of Delaware for
 5 fair market value.

6 **SEC. 1027. CONVEYANCE OF WILMINGTON HARBOR NORTH**
 7 **DISPOSAL AREA, DELAWARE.**

8 As soon as practicable, the Secretary shall complete
 9 the conveyance of the Wilmington Harbor North Disposal
 10 Area confined disposal facility, Delaware, to the State of
 11 Delaware.

12 **SEC. 1028. COASTAL STORM DAMAGE REDUCTION CON-**
 13 **TRACTS.**

14 For any project for coastal storm damage reduction,
 15 the Secretary shall seek input from the community or com-
 16 munities where the project is located that may be impacted
 17 due to the timing of the coastal storm damage reduction
 18 activities under the project to minimize, to the maximum
 19 extent practicable, any negative impacts to the local econ-
 20 omy due to the timing of those activities.

21 **SEC. 1029. CORPS FLOOD POLICY WITHIN URBAN AREAS.**

22 The Secretary shall expedite the completion of the re-
 23 port required under section 1211 of the America's Water
 24 Infrastructure Act of 2018 (132 Stat. 3808) relating to
 25 flooding within urban floodplains and Federal policy con-

1 straits on the ability of the Corps of Engineers to address
 2 urban flooding.

3 **SEC. 1030. REPORTING ON OVER BUDGET AND BEHIND**
 4 **SCHEDULE CORPS PROJECTS.**

5 Not later than 180 days after the date of enactment
 6 of this Act, the Secretary shall submit to the Committee
 7 on Environment and Public Works of the Senate and the
 8 Committee on Transportation and Infrastructure of the
 9 House of Representatives a report that describes each
 10 water resources project of the Secretary for which—

11 (1) the total budget of the project exceeds the
 12 total estimated budget of the project by not less
 13 than \$100,000,000; or

14 (2) the anticipated completion date of the
 15 project exceeds the estimated completion date of the
 16 project by not less than 5 years.

17 **SEC. 1031. DAM REMEDIATION FOR ECOSYSTEM RESTORA-**
 18 **TION.**

19 Section 542(b)(2) of the Water Resources Develop-
 20 ment Act of 2000 (114 Stat. 2671; 121 Stat. 1150) is
 21 amended—

22 (1) in subparagraph (F), by striking “or” at
 23 the end;

24 (2) by redesignating subparagraph (G) as sub-
 25 paragraph (H); and

1 (3) by inserting after subparagraph (F) the fol-
 2 lowing:

3 “~~(G)~~ measures to restore, protect, and pre-
 4 serve an ecosystem affected by a dam (which
 5 may include construction of a dam)—

6 “~~(i)~~ that has been constructed, in
 7 whole or in part, by the Corps of Engi-
 8 neers for flood control purposes;

9 “~~(ii)~~ for which construction was com-
 10 pleted before 1940;

11 “~~(iii)~~ that is classified as ‘high hazard
 12 potential’ by the State dam safety agency
 13 of the State in which the dam is located;
 14 and

15 “~~(iv)~~ that is operated by a non-Fed-
 16 eral entity; or”.

17 **SEC. 1032. CONVEYANCE OF CERTAIN FEDERAL LAND TO**
 18 **THE CITY OF MONTGOMERY, ALABAMA.**

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

20 (1) **CITY.**—The term “City” means the city of
 21 Montgomery, Alabama.

22 (2) **FEDERAL LAND.**—The term “Federal land”
 23 means the 62.38 acres of land and water under the
 24 primary jurisdiction of the Secretary in the R.E.
 25 “Bob” Woodruff Project Area that is covered by

1 lease number ~~DACW01-1-05-0037~~, including the
 2 parcels and structure known as “Powder Magazine”,
 3 which is a National Historic Site.

4 (b) ~~CONVEYANCE AUTHORIZED.~~—To the extent prac-
 5 ticable, not later than 180 days after the date of enact-
 6 ment of this Act, the Secretary shall, on request of the
 7 City, convey to the City all right, title, and interest of the
 8 United States in and to the Federal land.

9 (c) ~~CONVEYANCE OF FEDERAL LAND FOR USE AS~~
 10 ~~HISTORIC MONUMENT.~~—If the Secretary of the Interior
 11 determines that any portion of the Federal land is suitable
 12 and desirable for use as a historic monument, the Sec-
 13 retary may convey such portion of the Federal land to the
 14 City, without monetary consideration, in accordance with
 15 section ~~550(h)~~ of title 40, United States Code.

16 (d) ~~CONVEYANCE OF FEDERAL LAND NOT SUITABLE~~
 17 ~~FOR USE AS HISTORIC MONUMENT.~~—The Secretary shall
 18 convey any portion of the Federal land not conveyed under
 19 subsection (c)—

20 (1) by quitclaim deed; and

21 (2) subject to terms and conditions that are
 22 mutually satisfactory to the Secretary and the City,
 23 including such additional terms and conditions as
 24 the Secretary considers appropriate—

1 (A) to protect the interests of the United
2 States, such as any required easements;

3 (B) to protect and maintain the National
4 Historic Site described in subsection (a)(2), in
5 accordance with applicable law; and

6 (C) to preserve public access to the Fed-
7 eral land.

8 (e) CONSIDERATION REQUIRED.—As consideration
9 for a conveyance under subsection (d), the City shall pay
10 to the Secretary an amount that is not less than the fair
11 market value of the Federal land, as determined by the
12 Secretary.

13 (f) PAYMENT OF COSTS OF CONVEYANCE.—

14 (1) PAYMENT REQUIRED.—The Secretary shall
15 require the City to pay the costs incurred by the
16 Secretary after the date of enactment of this Act re-
17 lating to any conveyance of the Federal land under
18 this section, including—

19 (A) survey costs;

20 (B) costs relating to environmental docu-
21 mentation; and

22 (C) any other administrative costs relating
23 to the conveyance.

24 (2) REFUND OF EXCESS AMOUNTS.—If the Sec-
25 retary collects amounts from the City under para-

1 graph (1) before the costs are actually incurred and
 2 those amounts exceed the costs actually incurred by
 3 the Secretary in carrying out the conveyance, the
 4 Secretary shall refund the excess amounts to the
 5 City.

6 ~~(3) TREATMENT OF AMOUNTS RECEIVED.—~~

7 Amounts received by the Secretary as reimburse-
 8 ment under paragraph (1) shall be—

9 (A) credited to, and merged with amounts
 10 in, the fund or account that was used to cover
 11 the costs incurred by the Secretary; and

12 (B) available for the same purposes; and
 13 subject to the same conditions and limitations;
 14 as amounts in the fund or account to which the
 15 amounts are credited under subparagraph (A).

16 ~~(g) LIABILITY.—~~The City shall hold the United
 17 States harmless from any liability with respect to activities
 18 carried out on the Federal land on or after the date of
 19 conveyance of the Federal land.

20 **SEC. 1033. MAINTENANCE OF HIGH-RISK FLOOD CONTROL**
 21 **PROJECTS.**

22 In any case in which the Secretary has assumed, as
 23 of the date of enactment of this Act, responsibility for the
 24 maintenance of a project classified as class III or higher
 25 urgency under the Dam Safety Action Classification of the

1 Corps of Engineers, the Secretary shall continue to be re-
 2 sponsible for the maintenance of that project until the ear-
 3 lier of—

4 (1) the date on which the project is modified to
 5 reduce that risk and the Secretary determines that
 6 the project is determined to be adequately safe; and

7 (2) the date that is 15 years after the date of
 8 enactment of this Act.

9 **SEC. 1034. PROJECTS TO ACCOMMODATE IRREGULAR**
 10 **DREDGING.**

11 (a) IN GENERAL.—Not later than 2 years after the
 12 date of enactment of this Act, pursuant to the continuing
 13 authority program under section 107 of the River and
 14 Harbor Act of 1960 (33 U.S.C. 577), the Secretary shall,
 15 to the maximum extent practicable, carry out not less than
 16 1 project to improve a harbor to accommodate an eligible
 17 event described in subsection (b):

18 (b) ELIGIBLE EVENT DESCRIBED.—An eligible event
 19 referred to in subsection (a) is a special event that—

20 (1) is hosted by a government entity;

21 (2) is open to the public; and

22 (3) would have significant educational and re-
 23 gional economic development benefits.

1 ~~(c) JUSTIFICATION.—~~The Secretary shall not require
 2 national economic development benefits to exceed costs for
 3 any project carried out under this section if—

4 ~~(1) dredging or other harbor improvements are~~
 5 necessary to accommodate 1 or more eligible events;
 6 and

7 ~~(2) the eligible event or events produce signifi-~~
 8 cant regional economic development benefits.

9 ~~(d) COST-SHARING REQUIREMENT.—~~

10 ~~(1) IN GENERAL.—~~The Federal share of the
 11 cost of initial construction and operation and main-
 12 tenance of a project under this section—

13 ~~(A) shall be not more than 50 percent; and~~

14 ~~(B) may not exceed the limit under section~~
 15 107(b) of the River and Harbor Act of 1960
 16 ~~(33 U.S.C. 577(b)).~~

17 ~~(2) FORM OF NON-FEDERAL SHARE.—~~The non-
 18 Federal share of the cost of activities carried out
 19 under this section may be in the form of in-kind
 20 contributions.

21 ~~(3) OPERATION AND MAINTENANCE.—~~The non-
 22 Federal interest shall be responsible for 100 percent
 23 of the cost to operate and maintain a project under
 24 this section after the limit under section 107(b) of

1 the River and Harbor Act of 1960 (33 U.S.C.
2 577(b)) has been met.

3 **SEC. 1035. CHESAPEAKE BAY ENVIRONMENTAL RESTORA-**
4 **TION AND PROTECTION PROGRAM.**

5 (a) IN GENERAL.—Section 510 of the Water Re-
6 sources Development Act of 1996 (110 Stat. 3761; 121
7 Stat. 1202; 128 Stat. 1318) is amended—

8 (1) by redesignating subsection (h) as sub-
9 section (i);

10 (2) by inserting after subsection (g) the fol-
11 lowing:

12 “(h) PROJECT CAP.—A project carried out under this
13 section may not have a total cost of more than
14 \$15,000,000.”; and

15 (3) in subsection (i) (as so redesignated), by
16 striking “\$40,000,000” and inserting
17 “\$90,000,000”.

18 (b) OUTREACH AND TRAINING.—

19 (1) IN GENERAL.—The Secretary shall conduct
20 public outreach and workshops for non-Federal in-
21 terests to provide information on the Chesapeake
22 Bay environmental restoration and protection pro-
23 gram under section 510 of the Water Resources De-
24 velopment Act of 1996 (110 Stat. 3761; 121 Stat.

1 ~~1202; 128 Stat. 1318)~~, including how to participate
 2 in the program.

3 ~~(2) AUTHORIZATION OF APPROPRIATIONS.—~~

4 There is authorized to be appropriated to carry out
 5 this subsection \$2,500,000 for each of fiscal years
 6 ~~2021 and 2022.~~

7 **SEC. 1036. IMPLEMENTATION GUIDANCE, REPORTS, AND**
 8 **BRIEFINGS.**

9 ~~(a) REPORT ON STATUS OF IMPLEMENTATION GUID-~~
 10 ~~ANCE AND REPORTS.—~~Not later than 150 days after the
 11 date of enactment of this Act, the Secretary shall provide
 12 to the Committee on Environment and Public Works of
 13 the Senate and the Committee on Transportation and In-
 14 frastructure of the House of Representatives a briefing on
 15 the status of implementation guidance and reports re-
 16 quired under this Act or an amendment made by this Act.

17 ~~(b) USE OF EXISTING DATA.—~~To the maximum ex-
 18 tent practicable, the Secretary shall use existing data in
 19 completing any report required under—

20 ~~(1) the Water Resources Reform and Develop-~~
 21 ~~ment Act of 2014 (Public Law 113–121; 128 Stat.~~
 22 ~~1193);~~

23 ~~(2) the Water Infrastructure Improvements for~~
 24 ~~the Nation Act (Public Law 114–322; 130 Stat.~~
 25 ~~1628);~~

1 ~~(3) the America’s Water Infrastructure Act of~~
 2 ~~2018 (Public Law 115–270; 132 Stat. 3765);~~

3 ~~(4) this Act; and~~

4 ~~(5) any amendments made by an Act described~~
 5 ~~in paragraphs (1) through (4).~~

6 ~~(c) BRIEFINGS.—~~

7 ~~(1) IN GENERAL.—Not less frequently than~~
 8 ~~quarterly, the Secretary shall provide to the Com-~~
 9 ~~mittee on Environment and Public Works of the~~
 10 ~~Senate and the Committee on Transportation and~~
 11 ~~Infrastructure of the House of Representatives a~~
 12 ~~briefing on the status of the implementation of each~~
 13 ~~provision of law under—~~

14 ~~(A) the Water Resources Reform and De-~~
 15 ~~velopment Act of 2014 (Public Law 113–121;~~
 16 ~~128 Stat. 1193);~~

17 ~~(B) the Water Infrastructure Improve-~~
 18 ~~ments for the Nation Act (Public Law 114–~~
 19 ~~322; 130 Stat. 1628);~~

20 ~~(C) the America’s Water Infrastructure~~
 21 ~~Act of 2018 (Public Law 115–270; 132 Stat.~~
 22 ~~3765);~~

23 ~~(D) this Act; and~~

24 ~~(E) any amendments made by an Act de-~~
 25 ~~scribed in subparagraphs (A) through (D).~~

1 (2) ~~TERMINATION.~~—This subsection shall ter-
 2 minate on the date that the Secretary completes the
 3 implementation of each provision of law referred to
 4 in paragraph (1).

5 **SEC. 1037. INTERAGENCY TASK FORCE ON SMALL DAMS**
 6 **AND FISH PASSAGES.**

7 (a) ~~IN GENERAL.~~—The Secretary shall establish an
 8 interagency task force (referred to in this section as the
 9 “task force”) to study small dams and fish passages.

10 (b) ~~MEMBERSHIP.~~—The task force shall be composed
 11 of—

12 (1) the Assistant Secretary of the Army for
 13 Civil Works;

14 (2) the Director of the United States Fish and
 15 Wildlife Service;

16 (3) the Administrator of the Environmental
 17 Protection Agency;

18 (4) the Administrator of the Federal Emer-
 19 gency Management Agency;

20 (5) the Chief of the Natural Resources Con-
 21 servation Service;

22 (6) the Chairman of the Federal Energy Regu-
 23 latory Commission;

24 (7) the Commissioner of Reclamation;

1 ~~(8) the Assistant Secretary for Indian Affairs;~~
2 ~~and~~

3 ~~(9) the Director of the United States Geological~~
4 ~~Survey.~~

5 ~~(c) MEETINGS.—The task force shall meet quarterly~~
6 ~~and make available public summaries of the meetings.~~

7 ~~(d) REPORT.—Not later than December 31, 2021,~~
8 ~~the task force shall submit to Congress a report that in-~~
9 ~~cludes—~~

10 ~~(1) recommendations for interagency coopera-~~
11 ~~tion, including shared grant programs or other co-~~
12 ~~ordinated funding sources, to support monitoring,~~
13 ~~tracking, and efforts to remove or refurbish small~~
14 ~~dams to improve those structures and alleviate con-~~
15 ~~cerns related to public safety, flood risk, fish pas-~~
16 ~~sage, wildlife conservation, water quality, and eco-~~
17 ~~system and environmental health;~~

18 ~~(2) an analysis of the quality of existing data~~
19 ~~and need for additional surveys or other studies, to~~
20 ~~be conducted by Federal agencies in coordination~~
21 ~~with States, to determine—~~

22 ~~(A) the locations and conditions of small~~
23 ~~dams in the United States;~~

24 ~~(B) the risk, if any, posed by those dams~~
25 ~~to public safety, flood risk, fish passage, wildlife~~

1 conservation, water quality, and ecosystem and
 2 environmental health; and
 3 ~~(C)~~ ownership and rights to access small
 4 dams; and
 5 ~~(3)~~ a national strategy for identifying,
 6 prioritizing, and successfully removing or refur-
 7 bishing small dams of concern by not later than
 8 2030.

9 **SEC. 1038. PROJECT COMPLETION.**

10 Section 1157(a)(2) of the Water Infrastructure Im-
 11 provements for the Nation Act (130 Stat. 1666) is amend-
 12 ed by striking “2021” and inserting “2024”.

13 **SEC. 1039. LEVEE ACCREDITATION PROCESS; LEVEE CER-**
 14 **TIFICATIONS.**

15 (a) SENSE OF CONGRESS.—It is the sense of Con-
 16 gress that the process developed by the Flood Protection
 17 Structure Accreditation Task Force established under sec-
 18 tion 100226 of Public Law 112–141 (42 U.S.C. 4101
 19 note; 126 Stat. 942) should not be limited to levee systems
 20 in the inspection of completed works program of the Corps
 21 of Engineers, but should apply equally to federally owned
 22 levee systems operated by the Secretary, including feder-
 23 ally owned levee systems operated by the Secretary as part
 24 of a reservoir project.

1 (b) ~~LEVEE CERTIFICATIONS.~~—Section 3014 of the
 2 Water Resources Reform and Development Act of 2014
 3 (~~42 U.S.C. 4131~~) is amended—

4 (1) in subsection (a)—

5 (A) in paragraph (1)—

6 (i) by striking “under the inspection
 7 of completed works program” and insert-
 8 ing “for levee systems under the levee safe-
 9 ty and dam safety programs”; and

10 (ii) by striking “and” at the end;

11 (B) in paragraph (2)—

12 (i) by striking “activities under the in-
 13 spection of completed works program of
 14 the Corps of Engineers” and inserting
 15 “the activities referred to in paragraph
 16 (1)”;

17 (ii) by striking “chapter 1” and in-
 18 serting “chapter I”; and

19 (iii) by striking the period at the end
 20 and inserting “; and”; and

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

22 “~~(3)~~ in the case of a levee system that is oper-
 23 ated and maintained by the Corps of Engineers, to
 24 the maximum extent practicable, cooperate with
 25 local governments seeking a levee accreditation deci-

1 sion for the levee to provide information necessary to
 2 support the accreditation decision in a timely man-
 3 ner.”; and

4 (2) in paragraph (b)(3), by adding at the end
 5 the following:

6 “(C) CONTRIBUTED FUNDS.—Notwith-
 7 standing subparagraph (B), a non-Federal in-
 8 terest may fund up to 100 percent of the cost
 9 of any activity carried out under this sub-
 10 section.”.

11 **SEC. 1040. REHABILITATION OF FLOOD CONTROL PUMP**
 12 **STATIONS AFFECTING CORPS OF ENGINEERS**
 13 **FLOOD RISK MANAGEMENT PROJECTS.**

14 (a) DEFINITIONS.—In this section:

15 (1) ELIGIBLE PUMP STATION.—The term “eli-
 16 gible pump station” means a pump station—

17 (A) that—

18 (i) has been constructed, in whole or
 19 in part, by the Corps of Engineers for
 20 flood risk management purposes; or

21 (ii) that has been constructed by non-
 22 Federal interests; and

23 (B) the failure of which would impair the
 24 function of a flood risk management project
 25 constructed by the Corps of Engineers.

(2) REHABILITATE.—

(A) IN GENERAL.—The term “rehabilitate”, with respect to an eligible pump station, means to address a major deficiency of the eligible pump station caused by long-term degradation of the foundation, construction materials, or engineering systems or components of the eligible pump station.

(B) INCLUSIONS.—The term “rehabilitate”, with respect to an eligible pump station, includes—

(i) the incorporation into the eligible pump station of—

(I) current design standards;

(II) efficiency improvements; and

(III) associated drainage; and

(ii) increasing the capacity of the eligible pump station, subject to the condition that the increase shall—

(I) significantly decrease the risk of loss of life and property damage; or

(II) decrease total lifecycle rehabilitation costs for the eligible pump station.

1 (b) ~~AUTHORIZATION.~~—The Secretary may carry out
 2 rehabilitation of an eligible pump station, if the Secretary
 3 determines that the rehabilitation is feasible.

4 (c) ~~COST SHARING.~~—

5 (1) ~~FEDERAL PROJECTS.~~—The non-Federal
 6 share of the cost of rehabilitation carried out pursu-
 7 ant to this section at an eligible pump station con-
 8 structed by the Corps of Engineers shall be the
 9 equal to the non-Federal share that was applicable
 10 to construction of the eligible pump station.

11 (2) ~~NON-FEDERAL PROJECTS.~~—A non-Federal
 12 interest shall provide—

13 (A) an amount equal to 35 percent of the
 14 cost of any rehabilitation carried out pursuant
 15 to this section for a locally constructed eligible
 16 pump station; and

17 (B) all land, easements, rights-of-way, and
 18 necessary relocations associated with the reha-
 19 bilitation described in subparagraph (A), at no
 20 cost to the Federal Government.

21 (d) ~~AGREEMENT REQUIRED.~~—The rehabilitation of
 22 an eligible pump station pursuant to this section shall be
 23 initiated only after a non-Federal interest has entered into
 24 a binding agreement with the Secretary—

1 (1) to pay the non-Federal share of the costs of
2 rehabilitation under subsection (c); and

3 (2) to pay 100 percent of the operation and
4 maintenance costs of the rehabilitated eligible pump
5 station, in accordance with regulations promulgated
6 by the Secretary.

7 (e) TREATMENT.—The rehabilitation of an eligible
8 pump station pursuant to this section shall not be consid-
9 ered to be a separable element of the associated flood risk
10 management project constructed by the Corps of Engi-
11 neers.

12 (f) AUTHORIZATION OF APPROPRIATIONS.—There is
13 authorized to be appropriated to carry out this section
14 \$75,000,000, to remain available until expended.

15 **SEC. 1041. BRANDON ROAD STUDY.**

16 Section 3061(d)(2) of the Water Resources Develop-
17 ment Act of 2007 (121 Stat. 1121; 132 Stat. 3785) is
18 amended by striking the paragraph designation and head-
19 ing and all that follows through “any project” and insert-
20 ing the following:

21 “(2) COST SHARE.—

22 “(A) CONSTRUCTION.—The Federal share
23 of the cost of construction of any project au-
24 thorized to be carried out pursuant to the feasi-

1 bility study identified in paragraph (1) shall be
2 75 percent.

3 ~~“(B) OPERATION AND MAINTENANCE.—~~
4 Operation and maintenance of any project”.

5 **SEC. 1042. CREDIT OR REIMBURSEMENT.**

6 (a) CREDIT OR REIMBURSEMENT FOR CONTRIBU-
7 TION OF MATERIALS OR SERVICES.—Section 1024 of the
8 Water Resources Reform and Development Act of 2014
9 ~~(33 U.S.C. 2325a)~~ is amended—

10 (1) in subsection (a), in the matter preceding
11 paragraph (1), by striking “Subject to subsection
12 (b), the” and inserting “The”;

13 (2) by striking subsection (b);

14 (3) by redesignating subsections (e) and (d) as
15 subsections (b) and (h), respectively;

16 (4) in subsection (b) (as so redesignated), by
17 adding at the end the following:

18 ~~“(3) INTEGRAL TO PROJECT.—~~The Secretary
19 may provide reimbursement under subsection (e)
20 only if the Secretary determines that the materials
21 or services provided are integral to the project.

22 ~~“(4) TIMELINESS.—~~The Secretary shall ensure
23 that a reimbursement under subsection (e) is pro-
24 vided in a timely manner.”; and

1 (5) by inserting after subsection (b) (as so re-
2 designated) the following:

3 “~~(e) COST LIMITATIONS.—Except as provided in this~~
4 ~~section and subject to subsection (g), a non-Federal inter-~~
5 ~~est that contributes materials or services under subsection~~
6 ~~(a) shall be eligible for reimbursement, not to exceed an~~
7 ~~amount that is equal to the estimated Federal cost for~~
8 ~~the performance of those materials or services.~~

9 “~~(d) AGREEMENT.—Before contributing materials or~~
10 ~~services under subsection (a), a non-Federal interest shall~~
11 ~~enter into an agreement with the Secretary that specifies,~~
12 ~~with respect to the use of those materials and services,~~
13 ~~the terms and conditions that are acceptable to the non-~~
14 ~~Federal interest and the Secretary.~~

15 “~~(e) REQUIREMENT.—As part of an agreement under~~
16 ~~subsection (a), a non-Federal interest shall hold and save~~
17 ~~the United States free from any and all damage that~~
18 ~~arises from the use of any materials or services of the non-~~
19 ~~Federal interest, except for damage due to the fault or~~
20 ~~negligence of a contractor of the Federal Government.~~

21 “~~(f) USE OF EMERGENCY AUTHORITIES.—The Sec-~~
22 ~~retary may use existing emergency authorities of the Sec-~~
23 ~~retary following a flood or storm event to accept materials,~~
24 ~~services, or funds under this section if those materials,~~
25 ~~services, or funds are being used for the purpose of—~~

1 ~~“(1) restoring an authorized navigation or flood~~
 2 ~~risk management project up to authorized dimen-~~
 3 ~~sions;~~

4 ~~“(2) repairing or reconstructing any authorized~~
 5 ~~navigation or flood risk management project, includ-~~
 6 ~~ing other authorized associated features; or~~

7 ~~“(3) any other activities the Secretary deter-~~
 8 ~~mines to be in the public interest as a result of the~~
 9 ~~emergency.~~

10 ~~“(g) LIMITATIONS.—A reimbursement under sub-~~
 11 ~~section (e) shall be—~~

12 ~~“(1) subject to the availability of appropri-~~
 13 ~~ations; and~~

14 ~~“(2) subject to the compliance of the non-Fed-~~
 15 ~~eral interest with all Federal laws and regulations~~
 16 ~~that would apply to the use of materials or services~~
 17 ~~described in that subsection if provided by the Sec-~~
 18 ~~retary.”.~~

19 ~~(b) DETERMINING THE VALUE OF IN-KIND CON-~~
 20 ~~TRIBUTIONS.—Section 221(a)(4) of the Flood Control Act~~
 21 ~~of 1970 (42 U.S.C. 1962d–5b(a)(4)) is amended—~~

22 ~~(1) in subparagraph (A)—~~

23 ~~(A) in the matter preceding clause (i), by~~
 24 ~~inserting “, as determined by the Secretary,”~~
 25 ~~after “value”;~~

1 (B) in clause (ii), by striking “and” at the
2 end;

3 (C) in clause (iii), by striking the period at
4 the end and inserting “; and”; and

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

6 “(iv) the value of materials and serv-
7 ices contributed by non-Federal third par-
8 ties, without charge, to the non-Federal in-
9 terest for—

10 “(I) planning carried out after
11 execution of a feasibility cost-sharing
12 agreement; or

13 “(H) construction carried out
14 after execution of a partnership agree-
15 ment or in accordance with subpara-
16 graph (C).”;

17 (2) in subparagraph (D)—

18 (A) in clause (ii), by inserting “and” after
19 the semicolon at the end;

20 (B) in clause (iii), by striking “; and” and
21 inserting a period; and

22 (C) by striking clause (iv);

23 (3) by redesignating subparagraph (H) as sub-
24 paragraph (I); and

1 (4) by inserting after subparagraph (G) the fol-
 2 lowing:

3 “~~(H)~~ **TIMELINESS.**—The Secretary shall
 4 ensure that a credit under subparagraph (A) is
 5 provided in a timely manner.”.

6 ~~(c)~~ **TIMELINESS.**—Section 1022 of the Water Re-
 7 sources Reform and Development Act of 2014 (~~33~~ U.S.C.
 8 2225) is amended by adding at the end the following:

9 “~~(d)~~ **TIMELINESS.**—The Secretary shall ensure that
 10 a reimbursement described in this section is provided in
 11 a timely manner.”.

12 **SEC. 1043. EMERGENCY CONTRACTING.**

13 ~~(a)~~ **IN GENERAL.**—In carrying out emergency work
 14 in an area with respect to which the President has de-
 15 clared a major disaster under section 401 of the Robert
 16 T. Stafford Disaster Relief and Emergency Assistance Act
 17 (42 U.S.C. 5170), the Secretary shall, in competitive ac-
 18 quisitions, maximize use of tradeoff procedures that place
 19 approximately equal or greater importance on schedule
 20 and other non-price factors relative to cost or price.

21 ~~(b)~~ **SAVINGS PROVISION.**—Nothing in this section
 22 limits or otherwise affects authority provided to the Sec-
 23 retary under any other statute or regulation to select pro-
 24 cedures permitting other than full and open competition
 25 when carrying out work described in subsection (a).

1 **SEC. 1044. PROJECT PARTNERSHIP AGREEMENT.**

2 Section 103(j)(1) of the Water Resources Develop-
3 ment Act of 1986 (~~33~~ U.S.C. 2213(j)(1)) is amended—

4 (1) by striking “Any project” and inserting the
5 following:

6 “(A) IN GENERAL.—Any project”; and

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

8 “(B) INCLUSION.—An agreement under
9 subparagraph (A) shall include a brief descrip-
10 tion of and estimated costs for anticipated oper-
11 ation, maintenance, repair, replacement, and re-
12 habilitation obligations of the non-Federal in-
13 terest for the project.”.

14 **SEC. 1045. ACCEPTANCE OF FUNDS FOR HARBOR DREDG-**
15 **ING.**

16 The Secretary may accept and expend funds contrib-
17 uted by a State or other non-Federal interest—

18 (1) to dredge a non-Federal harbor or channel;

19 or

20 (2) to provide technical assistance related to the
21 planning and design of dredging activities in a non-
22 Federal harbor or channel.

23 **SEC. 1046. EMERGENCY FLOODING PROTECTION FOR**
24 **LAKES.**

25 The Secretary shall submit to Congress a report on
26 the extent to which the program under section 5 of the

1 Act of August 18, 1941 (commonly known as the “Flood
 2 Control Act of 1941”) (55 Stat. 650, chapter 377; 33
 3 U.S.C. 701n); applies to lakes, including lakes with the
 4 flow of a slow-moving river, including, if applicable, rec-
 5 ommendations for legislative changes to ensure that such
 6 lakes are eligible for the program.

7 **SEC. 1047. LEVEE SAFETY.**

8 Section 9004 of the Water Resources Development
 9 Act of 2007 (33 U.S.C. 3303) is amended by adding at
 10 the end the following:

11 “(d) IDENTIFICATION OF DEFICIENCIES.—

12 “(1) IN GENERAL.—For each levee identified in
 13 the national levee database under subsection (a), the
 14 Secretary shall—

15 “(A) identify the specific engineering and
 16 maintenance deficiencies, if any; and

17 “(B) describe the recommended remedies
 18 to correct each deficiency identified under sub-
 19 paragraph (A) and the associated costs of those
 20 remedies.

21 “(2) CONSULTATION.—In identifying defi-
 22 ciencies and describing remedies for a levee under
 23 paragraph (1), the Secretary shall consult with rel-
 24 evant non-Federal interests, including by providing

1 an opportunity for comment by those non-Federal
2 interests.”.

3 **SEC. 1048. REPLACEMENT CAPACITY.**

4 Section 217(a) of the Water Resources Development
5 Act of 1996 (33 U.S.C. 2326a(a)) is amended—

6 (1) in the subsection heading, by inserting “OR
7 REPLACEMENT CAPACITY” after “ADDITIONAL CA-
8 PACITY”;

9 (2) by striking paragraph (1) and inserting the
10 following:

11 “(1) PROVIDED BY SECRETARY.—

12 “(A) IN GENERAL.—Subject to subpara-
13 graph (B), at the request of a non-Federal in-
14 terest with respect to a project, the Secretary
15 may—

16 “(i) provide additional capacity at a
17 dredged material disposal facility con-
18 structed by the Secretary beyond the ca-
19 pacity that would be required for project
20 purposes; or

21 “(ii) permit the use of dredged mate-
22 rial disposal facility capacity required for
23 project purposes by the non-Federal inter-
24 est if the Secretary determines that re-
25 placement capacity can be constructed at

1 the facility or another facility or site before
2 such capacity is needed for project pur-
3 poses.

4 “(B) AGREEMENT.—Before the Secretary
5 takes an action under subparagraph (A), the
6 non-Federal interest shall agree to pay—

7 “(i) all costs associated with the con-
8 struction of the additional capacity or re-
9 placement capacity in advance of construc-
10 tion of such capacity; and

11 “(ii) in the case of use by a non-Fed-
12 eral interest of dredged material disposal
13 capacity required for project purposes
14 under subparagraph (A)(ii), any increase
15 in the cost of operation and maintenance
16 of the project that the Secretary deter-
17 mines results from the use of the project
18 capacity by the non-Federal interest in ad-
19 vance of each cycle of dredging.

20 “(C) CREDIT.—In the event the Secretary
21 determines that the cost to operate or maintain
22 the project decreases as a result of use by the
23 non-Federal interest of dredged material dis-
24 posal capacity required for project purposes
25 under subparagraph (A)(ii), the Secretary, at

the request of the non-Federal interest, shall credit the amount of the decrease toward any cash contribution of the non-Federal interest required thereafter for construction, operation, or maintenance of the project, or of another navigation project.”;

(3) in paragraph (2), in the first sentence, by inserting “under paragraph (1)(A)(i)” after “additional capacity”; and

(4) by adding at the end the following:

“(3) SPECIAL RULE FOR DESIGNATION OF REPLACEMENT CAPACITY FACILITY OR SITE.—

“(A) IN GENERAL.—Subject to such terms and conditions as the Secretary determines to be necessary or advisable, an agreement under paragraph (1)(B) for use permitted under paragraph (1)(A)(ii) shall reserve to the non-Federal interest—

“(i) the right to submit to the Secretary for approval at a later date an alternative to the facility or site designated in the agreement for construction of replacement capacity; and

“(ii) the right to construct the replacement capacity at the alternative facil-

1 ity or site at the expense of the non-Fed-
2 eral interest.

3 “(B) REQUIREMENT.—The Secretary shall
4 not reject a site for the construction of replace-
5 ment capacity under paragraph (1)(A)(ii) that
6 is submitted by the non-Federal interest for ap-
7 proval by the Secretary before the date of exe-
8 cution of the agreement under paragraph
9 (1)(B); or thereafter, unless the Secretary—

10 “(i) determines that the site is envi-
11 ronmentally unacceptable or technically un-
12 sound; and

13 “(ii) provides a written basis for the
14 determination under clause (i) to the non-
15 Federal interest.”.

16 **SEC. 1049. IMPLEMENTATION GUIDANCE FOR POST-FLOOD**
17 **IMPROVEMENTS.**

18 The Secretary shall expedite completion of implemen-
19 tation guidance for the amendments made by section 1176
20 of the Water Infrastructure Improvements for the Nation
21 Act (130 Stat. 1673).

22 **SEC. 1050. WILLAMETTE VALLEY PROJECT WATER RE-**
23 **ALLOCATION.**

24 (a) IN GENERAL.—The Secretary shall assist the
25 State of Oregon in the implementation of the reallocation

1 of water within the Willamette Basin, including the devel-
 2 opment of instream flow targets and facilitation of the
 3 conversion of Willamette Valley Project stored water to
 4 instream water rights to ensure fish and wildlife benefits,
 5 as required by the biological opinion for the Willamette
 6 Basin Review issued by the National Marine Fisheries
 7 Service on June 28, 2019.

8 (b) AUTHORIZATION OF APPROPRIATIONS.—There is
 9 authorized to be appropriated to carry out this section
 10 \$2,000,000, to remain available until expended.

11 **SEC. 1051. CENTRAL APPALACHIA WATER.**

12 (a) IN GENERAL.—The Secretary shall establish a
 13 program for providing environmental assistance to non-
 14 Federal interests in Central and North Central Appalachia
 15 (as defined by the Appalachian Regional Commission).

16 (b) FORM OF ASSISTANCE.—Assistance under this
 17 section may be in the form of design and construction as-
 18 sistance for water-related environmental infrastructure
 19 and resource protection and development projects in Cen-
 20 tral and North Central Appalachia (as defined by the Ap-
 21 palachian Regional Commission); including projects for
 22 wastewater treatment and related facilities; water supply
 23 and related facilities; and surface water resource protec-
 24 tion and development.

1 (e) PUBLIC OWNERSHIP.—The Secretary may pro-
 2 vide assistance for a project under this section only if the
 3 project is publicly owned.

4 (d) LOCAL COOPERATION AGREEMENTS.—

5 (1) IN GENERAL.—Before providing assistance
 6 under this section, the Secretary shall enter into a
 7 local cooperation agreement with the non-Federal in-
 8 terest to provide for design and construction of the
 9 project to be carried out with the assistance.

10 (2) REQUIREMENTS.—Each local cooperation
 11 agreement entered into under this subsection shall
 12 provide for the following:

13 (A) PLAN.—Development by the Secretary,
 14 in consultation with appropriate Federal and
 15 State officials, of a facilities or resource protec-
 16 tion and development plan, including appro-
 17 priate engineering plans and specifications.

18 (B) LEGAL AND INSTITUTIONAL STRUC-
 19 TURES.—Establishment of any legal and insti-
 20 tutional structures as are necessary to ensure
 21 the effective long-term operation of the project
 22 by the non-Federal interest.

23 (3) COST SHARING.—

1 (A) ~~IN GENERAL.~~—The Federal share of
2 the cost of a project carried out with assistance
3 under this section shall be 75 percent.

4 (B) ~~CREDIT FOR DESIGN WORK.~~—The
5 non-Federal interest shall receive credit toward
6 the non-Federal share for the reasonable costs
7 of design work completed by the non-Federal
8 interest before entering into a local cooperation
9 agreement with the Secretary for a project.

10 (C) ~~CREDIT FOR INTEREST.~~—In case of a
11 delay in the funding of the non-Federal share
12 of a project carried out with assistance under
13 this section, the non-Federal interest shall re-
14 ceive credit for reasonable interest incurred in
15 providing the non-Federal share of the cost of
16 the project.

17 (D) ~~LAND, EASEMENTS, AND RIGHTS-OF-~~
18 ~~WAY CREDIT.~~—The non-Federal interest shall
19 receive credit toward the non-Federal share for
20 land, easements, rights-of-way, and relocations
21 (including all reasonable costs associated with
22 obtaining permits necessary for the construc-
23 tion, operation, and maintenance of the project
24 on publicly owned or controlled land); not to ex-
25 ceed 25 percent of the total cost of the project.

1 ~~(E) OPERATION AND MAINTENANCE.—The~~
 2 non-Federal share of operation and mainte-
 3 nance costs for a project carried out with as-
 4 sistance under this section shall be 100 percent.

5 ~~(e) APPLICABILITY OF OTHER FEDERAL AND STATE~~
 6 ~~LAWS.—Nothing in this section waives, limits, or other-~~
 7 wise affects the applicability of any provision of Federal
 8 or State law that would otherwise apply to a project to
 9 be carried out with assistance under this section.

10 ~~(f) NONPROFIT ENTITIES.—For the purposes of this~~
 11 section, a non-Federal interest may include a nonprofit en-
 12 tity with the consent of the affected local government.

13 ~~(g) ADMINISTRATIVE COSTS.—Not more than 10 per-~~
 14 cent of the amounts made available to carry out this sec-
 15 tion may be used by the district offices of the Corps of
 16 Engineers for the administrative costs of carrying out this
 17 section.

18 ~~(h) AUTHORIZATION OF APPROPRIATIONS.—There is~~
 19 authorized to be appropriated to carry out this section
 20 \$120,000,000, to remain available until expended.

21 **SEC. 1052. REVIEWING HYDROPOWER AT CORPS OF ENGI-**
 22 **NEERS FACILITIES.**

23 Section 1008 of the Water Resources Reform and De-
 24 velopment Act of 2014 (33 U.S.C. 2321b) is amended by
 25 adding at the end the following:

1 “(c) REVIEWING HYDROPOWER AT CORPS OF ENGI-
2 NEERS FACILITIES.—

3 “(1) DEFINITION OF ELIGIBLE NON-FEDERAL
4 INTEREST.—In this subsection, the term ‘eligible
5 non-Federal interest’ means a non-Federal interest
6 that owns or operates an existing non-Federal hy-
7 dropower facility at a Corps of Engineers project.

8 “(2) EVALUATION.—

9 “(A) IN GENERAL.—On the written re-
10 quest of an eligible non-Federal interest, the
11 Secretary shall conduct an evaluation to con-
12 sider operational changes at the applicable
13 project to facilitate production of non-Federal
14 hydropower, consistent with authorized project
15 purposes.

16 “(B) DEADLINE.—Not later than 180 days
17 after the date on which the Secretary receives
18 a written request under subparagraph (A), the
19 Secretary shall provide to the non-Federal in-
20 terest a written response to inform the non-
21 Federal interest—

22 “(i) that the Secretary has approved
23 the request to conduct an evaluation; or

1 “(ii) of any additional information
2 necessary for the Secretary to approve the
3 request to conduct an evaluation.

4 “(3) OPERATIONAL CHANGES.—An operational
5 change referred to in paragraph (2)(A) may in-
6 clude—

7 “(A) changes to seasonal pool levels;

8 “(B) modifying releases from the project;
9 and

10 “(C) other changes included in the written
11 request submitted under that paragraph that
12 enhance the usage of the project to facilitate
13 production of non-Federal hydropower, con-
14 sistent with authorized project purposes.

15 “(4) COST-SHARE.—The eligible non-Federal
16 interest shall pay 100 percent of the costs associated
17 with an evaluation under this subsection, including
18 the costs to prepare the report under paragraph (6).

19 “(5) DEADLINE.—The Secretary shall complete
20 an evaluation under this subsection by the date that
21 is not later than 1 year after the date on which the
22 Secretary begins the evaluation.

23 “(6) REPORT.—On completion of an evaluation
24 under this subsection, the Secretary shall submit to
25 the Committee on Environment and Public Works of

the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report on the effects of the operational changes proposed by the non-Federal interest and examined in the evaluation on the authorized purposes of the project, including a description of any negative impacts of the proposed operational changes on the authorized purposes of the project.

~~“(7) SAVINGS PROVISION.—Nothing in this subsection—~~

~~“(A) affects, modifies, or changes the authorized purposes of a Corps of Engineers project; or~~

~~“(B) affects existing authorities of the Corps of Engineers, including authorities with respect to navigation, flood damage reduction, environmental protection and restoration, and other related purposes.”.~~

**SEC. 1053. ESTABLISHING PERMANENT FEATURES FROM
EMERGENCY RESPONSE MEASURES.**

~~(a) DEFINITIONS.—In this section:~~

~~(1) IMPACTED COMMUNITY.—The term “impacted community” means an entity that has received emergency flood fighting assistance under section 5 of the Act of August 18, 1941 (commonly~~

1 known as the “Flood Control Act of 1941”) (55
 2 Stat. 650, chapter 377; 33 U.S.C. 701n), that in-
 3 volved the construction of a temporary structure.

4 (2) PERMANENT FEATURE.—The term “perma-
 5 nent feature” means a structural or nonstructural
 6 measure typical in a flood control project.

7 (3) SMALL OR DISADVANTAGED COMMUNITY.—
 8 The term “small or disadvantaged community”
 9 means a community—

10 (A) with a population of less than 10,000;

11 or

12 (B) that is—

13 (i) an economically distressed area (as
 14 defined in section 1083(a)); or

15 (ii) at risk from repeat flooding
 16 events.

17 (b) EVALUATION OF TEMPORARY STRUCTURES.—On
 18 request of an impacted community, the Secretary shall
 19 evaluate whether the temporary structure warrants con-
 20 sideration for a permanent feature, in accordance with
 21 subsection (c).

22 (c) CONSIDERATIONS.—In evaluating a temporary
 23 structure under subsection (b), the Secretary shall con-
 24 sider—

1 (1) the likelihood that a similar structure will
 2 need to be constructed in the area in the future if
 3 the temporary structure, or a similar structure, is
 4 not made permanent;

5 (2) the extent to which similar structures have
 6 been constructed in the area previously and re-
 7 moved;

8 (3) the economic, safety, and environmental
 9 benefits and impacts of establishing a permanent
 10 feature in the watershed of the impacted community;

11 (4) the extent of the modifications necessary to
 12 make the temporary structure a permanent feature;
 13 and

14 (5) the costs of the modifications described in
 15 paragraph (4).

16 (d) CONVERSION OF TEMPORARY STRUCTURES.—

17 (1) IN GENERAL.—After the Secretary com-
 18 pletes an evaluation under subsection (b), if the Sec-
 19 retary determines that the temporary structure
 20 should become a permanent feature, or that a per-
 21 manent feature would prevent damage similar to
 22 damage prevented by the temporary structure, and
 23 subject to paragraph (2), the Secretary shall begin
 24 the planning and design of the permanent feature in
 25 accordance with all applicable design and construc-

tion standards and legal requirements of the Secretary, including all applicable environmental laws.

~~(2) PROJECT COST.—~~

~~(A) IN GENERAL.—~~The Secretary may carry out the planning, design, and construction of a project described in paragraph (1) if the total construction cost of the project is not expected to exceed \$17,500,000.

~~(B) LARGE PROJECTS.—~~If the total construction cost of a project described in paragraph (1) is expected to be greater than \$17,500,000, the Secretary—

~~(i) shall submit to Congress a request to carry out the project in a manner similar to a Chief's Report; and~~

~~(ii) may not carry out the project until Congress authorizes the construction of the project.~~

~~(C) DEMOLITION.—~~Demolition of a temporary structure under this section shall be subject to the cost-share requirement under paragraph (3), but the costs of that demolition shall not be included in the total construction cost of the project under subparagraphs (A) and (B).

~~(3) COST-SHARE.—~~

(A) IN GENERAL.—Except as provided in subparagraph (B), the non-Federal share of the cost of carrying out a project under this section shall be not more than 35 percent.

(B) WAIVER FOR SMALL OR DISADVANTAGED COMMUNITIES.—In carrying out a project under this section in partnership with a small or disadvantaged community, if the Secretary determines that the life safety or economic viability of the community would be threatened without the project, the Secretary shall reduce the non-Federal cost share applicable to the project through a mutual agreement between the Corps of Engineers and the non-Federal interest, in an amount that is—

(i) not less than 10 percent of the total project cost; and

(ii) up to 100 percent of the non-Federal cost share applicable to the project.

**SEC. 1054. STUDIES OF WATER RESOURCES DEVELOPMENT
PROJECTS BY NON-FEDERAL INTERESTS.**

Section 203 of the Water Resources Development Act of 1986 (33 U.S.C. 2231) is amended—

(1) in subsection (a)—

1 (A) in paragraph (1), by inserting “or con-
 2 duct a feasibility study on modifications or im-
 3 provements to a project constructed by the
 4 Corps of Engineers” after “water resources de-
 5 velopment project”; and

6 (B) in paragraph (2), by striking “for fea-
 7 sibility studies” and all that follows through the
 8 period at the end and inserting “for feasibility
 9 studies of water resources development projects
 10 conducted by non-Federal interests to provide
 11 sufficient information for the formulation of the
 12 studies, including processes and procedures re-
 13 lated to reviews and assistance under subsection
 14 (e).”; and

15 (2) in subsection (e)(2)—

16 (A) by striking “At the request” and in-
 17 serting the following:

18 “(A) IN GENERAL.—At the request”; and

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

20 “(B) INCLUSION.—Technical assistance
 21 under subparagraph (A) may include any as-
 22 sistance that does not conflict with any other
 23 Federal law (including regulations).”.

1 **SEC. 1055. SUBSURFACE DRAIN SYSTEMS RESEARCH AND**
2 **DEVELOPMENT.**

3 (a) IN GENERAL.—Subject to the availability of ap-
4 propriations, the Secretary, acting through the Director
5 of the Engineer Research and Development Center, shall
6 carry out research and development activities relating to
7 the use of subsurface drain systems as—

8 (1) a flood risk-reduction measure; or

9 (2) a coastal storm risk-reduction measure.

10 (b) AUTHORIZATION OF APPROPRIATIONS.—There is
11 authorized to be appropriated to carry out this section
12 \$5,000,000, to remain available until expended.

13 **SEC. 1056. LIMITATION ON CONTRACT EXECUTION IN THE**
14 **ARKANSAS RIVER BASIN.**

15 (a) DEFINITION OF COVERED CONTRACT.—In this
16 section, the term “covered contract” means a contract be-
17 tween any local governmental entity and the Secretary for
18 water supply storage in a hydropower lake within the Ar-
19 kansas River Basin.

20 (b) LIMITATION.—For any new covered contract for
21 a hydropower lake that is entered into during the period
22 beginning on the date of enactment of this Act and ending
23 on December 31, 2022, a local governmental entity shall
24 not pay more than 110 percent of the initial principal cost
25 for the acre-feet being sought for the new covered contract
26 for that hydropower lake.

1 **SEC. 1057. SUPPORT FOR MITIGATION EFFORTS FOR SMALL**
2 **DAMS IN NATIONAL HERITAGE CORRIDORS.**

3 In carrying out a project for ecosystem restoration,
4 the Secretary is authorized to formulate and carry out fish
5 passage measures at a dam associated with a small hydro-
6 electric power project that are otherwise the legal obliga-
7 tion of the hydroelectric power project licensee or exemp-
8 tion holder to provide under the Federal Power Act (16
9 U.S.C. 791a et seq.), if the ecosystem restoration project
10 is located in a National Heritage Area located within the
11 boundaries of the North Atlantic Division of the Corps of
12 Engineers.

13 **SEC. 1058. REPORT ON BARRIERS TO INFRASTRUCTURE DE-**
14 **VELOPMENT AT UNITED STATES PORTS.**

15 Not later than 180 days after the date of enactment
16 of this Act, the Secretary, in consultation with the heads
17 of all relevant Federal agencies, shall submit to Congress
18 a report on—

19 (1) the barriers to infrastructure and capital
20 improvement projects faced by ports and port au-
21 thorities;

22 (2) the impact those barriers have on the stra-
23 tegic competitiveness of ports of the United States;
24 and

25 (3) recommendations to reduce those barriers.

1 **SEC. 1059. RYE HARBOR, NEW HAMPSHIRE, NAVIGATION IM-**
 2 **PROVEMENT PROJECT.**

3 The Secretary shall expedite authorized activities to
 4 address the impacts of shoaling affecting the project for
 5 navigation, Rye Harbor, New Hampshire, authorized by
 6 section 101 of the River and Harbor Act of 1960 (74 Stat.
 7 480).

8 **SEC. 1060. CAPE ARUNDEL DISPOSAL SITE, MAINE.**

9 Section 1312 of the America's Water Infrastructure
 10 Act of 2018 (132 Stat. 3821) is amended by striking "De-
 11 cember 31, 2021" and inserting "September 30, 2024".

12 **SEC. 1061. RIO GRANDE ENVIRONMENTAL MANAGEMENT**
 13 **PROGRAM, COLORADO, NEW MEXICO, AND**
 14 **TEXAS.**

15 Section 5056(f) of the Water Resources Development
 16 Act of 2007 (121 Stat. 1214; 128 Stat. 1315) is amended
 17 by striking "2019" and inserting "2024".

18 **SEC. 1062. RESTORATION OF ABANDONED SITES.**

19 Section 560(f) of the Water Resources Development
 20 Act of 1999 (33 U.S.C. 2336(f)) is amended by striking
 21 "\$20,000,000" and inserting "\$20,000,000, to remain
 22 available until expended".

23 **SEC. 1063. RURAL WESTERN WATER.**

24 (a) IN GENERAL.—Section 595(i) of the Water Re-
 25 sources Development Act of 1999 (113 Stat. 383; 128

1 Stat. 1613; 130 Stat. 1681) is amended by striking
 2 “\$435,000,000” and inserting “\$500,000,000”.

3 (b) PROGRAM MANAGER.—The Secretary shall ap-
 4 point a headquarters employee of the Corps of Engineers
 5 as a Program Manager, who shall be responsible for man-
 6 aging the environmental infrastructure program under
 7 section 595 of the Water Resources Development Act of
 8 1999 (113 Stat. 383).

9 **SEC. 1064. THAD COCHRAN LOCK AND DAM.**

10 (a) SENSE OF CONGRESS.—It is the sense of Con-
 11 gress that Thad Cochran, whose selfless determination
 12 and tireless work, while serving as a congressman and
 13 United States Senator from Mississippi for 45 years, con-
 14 tributed greatly to the realization and success of the Ten-
 15 nessee-Tombigbee Waterway.

16 (b) DESIGNATION.—The lock and dam located at
 17 mile 371 on the Tennessee-Tombigbee Waterway, Mis-
 18 sissippi, shall be known and designated as the “Thad
 19 Cochran Lock and Dam”.

20 (c) REFERENCES.—Any reference in a law, map, reg-
 21 ulation, document, paper, or other record of the United
 22 States to the lock and dam referred to in subsection (b)
 23 shall be deemed to be a reference to the “Thad Cochran
 24 Lock and Dam”.

1 **SEC. 1065. REPORT ON CORPS OF ENGINEERS FACILITIES**
 2 **IN APPALACHIA.**

3 Not later than 180 days after the date of enactment
 4 of this Act, the Secretary, in collaboration with the Appa-
 5 lachian Regional Commission established by section
 6 14301(a) of title 40, United States Code, shall submit to
 7 the Committee on Environment and Public Works of the
 8 Senate and the Committee on Transportation and Infra-
 9 structure of the House of Representatives a report that
 10 identifies each Corps of Engineers facility that—

11 (1) is located within a distressed county (as
 12 designated by the Appalachian Regional Commission
 13 pursuant to section 14526(a)(1)(A) of title 40,
 14 United States Code), with an emphasis on counties
 15 that have experienced job loss in the mining, textiles,
 16 or timber industry; and

17 (2) could be improved for purposes of economic
 18 development, recreation, or other uses.

19 **SEC. 1066. REPORT ON CORPS OF ENGINEERS HYDRO-**
 20 **POWER FACILITIES IN APPALACHIA.**

21 (a) **IN GENERAL.**—The Secretary, in collaboration
 22 with the Appalachian Regional Commission established by
 23 section 14301(a) of title 40, United States Code, the Sec-
 24 retary of Energy, and the Federal Energy Regulatory
 25 Commission, shall conduct a study—

1 (1) to determine the potential, at Corps of En-
 2 gineers facilities that are located within a county
 3 that is identified by the Appalachian Regional Com-
 4 mission as a distressed county or an at-risk county
 5 under subparagraph (A) or (B) of section
 6 14526(a)(1) of title 40, United States Code, for—

7 (A) testing, evaluating, piloting, dem-
 8 onstrating, or deploying hydropower or energy
 9 storage technologies; and

10 (B) powering non-powered dams; and

11 (2) to identify previously proposed dam sites in
 12 distressed counties (as designated by the Appa-
 13 lachian Regional Commission pursuant to section
 14 14526(a)(1)(A) of title 40, United States Code) that
 15 may be suitable for activities described in subpara-
 16 graphs (A) and (B) of paragraph (1).

17 (b) COORDINATION.—In carrying out the study under
 18 subsection (a), the Secretary shall coordinate with any rel-
 19 evant National Laboratories.

20 (c) REPORT.—Not later than 180 days after the date
 21 of enactment of this Act, the Secretary, in collaboration
 22 with the Appalachian Regional Commission established by
 23 section 14301(a) of title 40, United States Code, the Sec-
 24 retary of Energy, and the Federal Energy Regulatory

1 Commission, shall submit a report on the results of the
2 study under subsection (a) to—

3 (1) the Committee on Environment and Public
4 Works of the Senate;

5 (2) the Committee on Transportation and In-
6 frastructure of the House of Representatives;

7 (3) the Committee on Energy and Natural Re-
8 sources of the Senate; and

9 (4) the Committee on Energy and Commerce of
10 the House of Representatives.

11 **SEC. 1067. HARRIS COUNTY, TEXAS.**

12 Section 575 of the Water Resources Development Act
13 of 1996 (110 Stat. 3789; 113 Stat. 311; 121 Stat. 1253)
14 is repealed.

15 **SEC. 1068. IDENTIFICATION OF NONPOWERED DAMS FOR**
16 **HYDROPOWER DEVELOPMENT.**

17 The Secretary shall expedite completion of the list re-
18 quired under section 1206 of the America's Water Infra-
19 structure Act of 2018 (132 Stat. 3806).

20 **SEC. 1069. INLAND WATERWAY TRANSPORTATION.**

21 Section 102 of the Water Resources Development Act
22 of 1986 (33 U.S.C. 2212) is amended by striking sub-
23 section (a) and inserting the following:

24 “(a) CONSTRUCTION.—

1 “(1) DEFINITION OF CONSTRUCTION.—In this
2 subsection, the term ‘construction’ includes—

3 “(A) planning, design, engineering, and
4 surveying;

5 “(B) the acquisition of all land, easements,
6 and rights-of-way necessary for the project, in-
7 cluding land for disposal of dredged material;
8 and

9 “(C) relocations necessary for the project.

10 “(2) COST-SHARE.—Except as provided in
11 paragraph (3), with respect to the cost of construc-
12 tion or major rehabilitation of a project for naviga-
13 tion on an inland waterway—

14 “(A) 65 percent shall be paid from
15 amounts appropriated from the general fund of
16 the Treasury; and

17 “(B) 35 percent shall be paid from
18 amounts appropriated from the Inland Water-
19 ways Trust Fund.

20 “(3) CERTAIN PROJECTS.—

21 “(A) IN GENERAL.—With respect to the
22 cost of construction or major rehabilitation of a
23 project described in subparagraph (B)—

1 “(i) 50 percent shall be paid from
2 amounts appropriated from the general
3 fund of the Treasury; and

4 “(ii) 50 percent shall be paid from
5 amounts appropriated from the Inland Wa-
6 terways Trust Fund.

7 “(B) PROJECTS DESCRIBED.—A project
8 referred to in subparagraph (A) is—

9 “(i) a project authorized by title III;

10 “(ii) a project authorized by section
11 652(j); and

12 “(iii) a project authorized by section
13 844, with respect to the construction costs
14 allocated to inland navigation.

15 “(4) APPLICATION.—

16 “(A) IN GENERAL.—This subsection shall
17 apply to the construction or major rehabilita-
18 tion of a project for navigation on an inland
19 waterway—

20 “(i) that was authorized on or after
21 the date of enactment of this Act; and

22 “(ii) for which the construction or
23 major rehabilitation has not been initiated
24 or completed by the date of enactment of

1 the America’s Water Infrastructure Act of
2 2020.

3 “(B) OTHER PROJECTS.—Construction or
4 major rehabilitation of a project for navigation
5 on the inland waterways that was authorized
6 before the date of enactment of this Act, and
7 for which construction was completed prior to
8 the date of enactment of the America’s Water
9 Infrastructure Act of 2020, shall be subject to
10 this subsection as it was in effect on the day
11 before the date of enactment of the America’s
12 Water Infrastructure Act of 2020.”.

13 **SEC. 1070. FEDERAL INTEREST DETERMINATION.**

14 Section 905 of the Water Resources Development Act
15 of 1986 (33 U.S.C. 2282) is amended by inserting after
16 subsection (a) the following:

17 “(b) FEDERAL INTEREST DETERMINATION.—

18 “(1) IN GENERAL.—Before initiating a study
19 under subsection (a), the Secretary shall determine
20 the Federal interest in carrying out the study and
21 the projects that may be proposed in the study.

22 “(2) COST-SHARE.—The costs of a determina-
23 tion under paragraph (1)—

24 “(A) shall be at full Federal expense; and

25 “(B) shall not exceed \$100,000.

1 “(3) DEADLINE.—

2 “(A) IN GENERAL.—A determination
3 under paragraph (1) shall be completed by not
4 later than 120 days after the date on which
5 funds are made available to the Secretary for
6 the determination.

7 “(B) TREATMENT.—

8 “(i) TIMING.—The period during
9 which the determination is being completed
10 under paragraph (1) for a study shall not
11 be included for purposes of the deadline to
12 complete a final feasibility report under
13 section 1001(a)(1) of the Water Resources
14 Reform and Development Act of 2014 (33
15 U.S.C. 2282e(a)(1)).

16 “(ii) COST.—The cost of a determina-
17 tion under paragraph (1) shall not be in-
18 cluded for purposes of the maximum Fed-
19 eral cost under section 1001(a)(2) of the
20 Water Resources Reform and Development
21 Act of 2014 (33 U.S.C. 2282e(a)(2)).”.

22 **SEC. 1071. REPORT ON SINGLE LEVEE STANDARD.**

23 Not later than 180 days after the date of enactment
24 of this Act, the Secretary, in coordination with the Admin-
25 istrator of the Federal Emergency Management Agency,

1 shall submit to the Committee on Environment and Public
 2 Works of the Senate and the Committee on Transpor-
 3 tation and Infrastructure of the House of Representatives
 4 a report on—

- 5 (1) the differences between the levee standards
 6 of the Corps of Engineers and levee standards of the
 7 Federal Emergency Management Agency; and
- 8 (2) whether those differences create uncertainty
 9 for levee management purposes.

10 **SEC. 1072. SOUTH ATLANTIC COASTAL STUDY.**

11 Section 1204 of the Water Infrastructure Improve-
 12 ments for the Nation Act (130 Stat. 1685) is amended—

- 13 (1) by redesignating subsection (e) as sub-
 14 section (e);
- 15 (2) by inserting after subsection (b) the fol-
 16 lowing:

17 “(e) ANNUAL BRIEFINGS.—The Secretary shall pro-
 18 vide to the Committee on Environment and Public Works
 19 of the Senate and the Committee on Transportation and
 20 Infrastructure of the House of Representatives an annual
 21 progress briefing on the status of the study under sub-
 22 section (a); on a State-by-State basis, including informa-
 23 tion on the engagement of the Corps of Engineers with
 24 non-Federal interests, including detailed lists of all meet-

ings and decision outcomes associated with those engagements.

“(d) ~~ANNUAL REPORTS.~~—Not less frequently than annually and not later than 180 days after the annual briefing under subsection (c), the Secretary shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report on the status of the study under subsection (a), on a State-by-State basis, including information on the engagement of the Corps of Engineers with non-Federal interests, including detailed lists of all meetings and decision outcomes associated with those engagements.”; and

(3) in subsection (c) (as so redesignated), in the heading, by inserting “~~FINAL~~” before “~~REPORT~~”.

SEC. 1073. COMPLETION OF REPORTS.

(a) ~~IN GENERAL.~~—There is authorized to be appropriated to the Secretary \$50,000,000, to remain available until expended, for the completion of any report—

(1) required under a provision described in subsection (b); and

(2) for which appropriations were not or are not otherwise provided.

(b) ~~PROVISIONS DESCRIBED.~~—A provision referred to in subsection (a)(1) is any of the following:

1 (1) The Water Resources Reform and Develop-
2 ment Act of 2014 (Public Law 113–121; 128 Stat.
3 1193).

4 (2) The Water Infrastructure Improvements for
5 the Nation Act (Public Law 114–322; 130 Stat.
6 1628).

7 (3) The America’s Water Infrastructure Act of
8 2018 (Public Law 115–270; 132 Stat. 3765).

9 (4) This Act.

10 (5) Any amendments made by an Act described
11 in paragraphs (1) through (4).

12 **SEC. 1074. DELEGATION OF WORK FOR COMPREHENSIVE**
13 **EVERGLADES RESTORATION PLAN**
14 **PROJECTS.**

15 Section 601(e) of the Water Resources Development
16 Act of 2000 (114 Stat. 2684) is amended by adding at
17 the end the following:

18 “(6) DELEGATION OF WORK; TRANSFER OF
19 FUNDS.—

20 “(A) IN GENERAL.—On a determination
21 by the Secretary that the non-Federal sponsor
22 for a project authorized by subsection (b), (c),
23 or (d) is capable of and willing to carry out the
24 project, or a separable element of the project,
25 the Secretary is authorized to enter into a

1 project partnership agreement, or amendment
2 to an agreement, with the non-Federal sponsor
3 that provides for—

4 “(i) the non-Federal sponsor to con-
5 struct, or design and construct, the project
6 or separable element in accordance with
7 the construction plans and specifications
8 approved by the Division Commander; and

9 “(ii) the Secretary to transfer to the
10 non-Federal sponsor funds up to an
11 amount equal to the Federal share under
12 paragraph (1) of the cost of carrying out
13 the project or separable element.

14 “(B) TECHNICAL ASSISTANCE.—The Sec-
15 retary is authorized—

16 “(i) to provide to the non-Federal
17 sponsor technical assistance, including any
18 technical assistance necessary for the
19 project to achieve compliance with statu-
20 tory, regulatory, and program require-
21 ments; and

22 “(ii) to fund the costs of providing the
23 technical assistance described in clause (i)
24 using amounts made available for the
25 project or separable element, subject to the

condition that the total amount authorized for transfer to the non-Federal sponsor under subparagraph (A)(ii) is reduced by such amount.

“(C) REQUIREMENT.—A non-Federal sponsor carrying out work under a partnership agreement described in subparagraph (A) shall comply with—

“(i) all Federal environmental laws and regulations that would be applicable to the project or separable element if carried out by the Secretary;

“(ii) subchapter IV of chapter 31 of title 40, United States Code;

“(iii) chapter 37 of title 40, United States Code; and

“(iv) any other terms and conditions that the Division Commander determines to be advisable, as determined in consultation with the non-Federal sponsor and in accordance with existing Federal regulations.”.

SEC. 1075. MATERIAL BREACHES OF CONTRACT.

In a case in which the Armed Services Board of Contract Appeals or other court of competent jurisdiction has

1 rendered a decision during the period beginning on De-
 2 cember 1, 2017, and ending on December 31, 2022,
 3 awarding damages to a contractor relating to the adju-
 4 dication of claims arising from the construction of general
 5 navigation features of an authorized project, notwith-
 6 standing the terms of the Project Partnership Agreement,
 7 the Secretary shall waive payment of the share of the non-
 8 Federal interest of those damages, including attorney's
 9 fees, if—

10 (1) the contracting officer was instructed by the
 11 Corps of Engineers to modify the terms of the con-
 12 tract or terminate the contract; and

13 (2) the Armed Services Board of Contract Ap-
 14 peals or a court of competent jurisdiction determined
 15 that the failure of the contracting officer to timely
 16 take the action described in paragraph (1) was a
 17 material breach of the contract that resulted in dam-
 18 ages to the contractor awarded by the Armed Serv-
 19 ices Board of Contract Appeals or the court, as ap-
 20 plicable.

21 **SEC. 1076. REPAIR AND RESTORATION OF EMBANKMENTS.**

22 The Secretary is authorized to repair and restore any
 23 portion of an embankment that is adjacent to the shoreline
 24 of a reservoir project operated by the Secretary for which
 25 damage to, or the failure of, the embankment has ad-

1 versely affected a roadway that the Secretary has relo-
 2 cated for construction of the reservoir, notwithstanding—

3 ~~(1) the cause of the damage to, or the failure~~
 4 ~~of, the embankment;~~

5 ~~(2) ownership of the embankment; or~~

6 ~~(3) any obligation of a non-Federal interest to~~
 7 ~~operate and maintain the roadway under a reloca-~~
 8 ~~tion agreement with the Secretary.~~

9 **SEC. 1077. NON-FEDERAL INTEREST REPAYMENT OBLIGA-**
 10 **TIONS.**

11 Section 103 of the Water Resources Development Act
 12 of 1986 (33 U.S.C. 2213) is amended by adding at the
 13 end the following:

14 ~~“(o) NON-FEDERAL INTEREST REPAYMENT OBLIGA-~~
 15 ~~TIONS.—~~

16 ~~“(1) DEFINITION OF COVERED PROJECT.—In~~
 17 ~~this subsection, the term ‘covered project’ means any~~
 18 ~~project of the Corps of Engineers—~~

19 ~~“(A) initiated on or after September 8,~~
 20 ~~2005; and~~

21 ~~“(B) for which there is a delay of 5 or~~
 22 ~~more years beyond the completion date estab-~~
 23 ~~lished in the project partnership agreement for~~
 24 ~~the project.~~

1 “(2) INTEREST DURING CONSTRUCTION
2 DELAYS.—

3 “(A) IN GENERAL.—Notwithstanding the
4 second sentence of subsection (k), on request of
5 the non-Federal interest for a covered project,
6 the Secretary and the non-Federal interest may
7 renegotiate the repayment terms and condi-
8 tions, including—

9 “(i) recalculation of the interest rate;

10 “(ii) forgiveness of construction inter-
11 est accrued during a project delay; and

12 “(iii) a credit against construction in-
13 terest for a non-Federal investment that
14 benefits the covered project.

15 “(B) TEMPORARY FREEZE.—In the case of
16 a non-Federal interest that makes a request
17 under subparagraph (A) for a covered project,
18 the Secretary shall not impose any payment for
19 the covered project during the period—

20 “(i) beginning on the date on which
21 the non-Federal interest makes the re-
22 quest; and

23 “(ii) ending on the date on which the
24 terms and conditions for the repayment of
25 construction interest are finalized.

1 “(3) CREDIT FOR NON-FEDERAL CONTRIBU-
 2 TION.—The Secretary is authorized to credit any
 3 costs incurred by the non-Federal interest (including
 4 in-kind contributions) to remedy a design or con-
 5 struction deficiency of a covered project toward the
 6 non-Federal share of the cost of the covered project,
 7 if the Secretary determines the remedy to be integral
 8 to the completion of the covered project.”.

9 **SEC. 1078. GREAT LAKES CONFINED DISPOSAL FACILITIES.**

10 (a) MITIGATION.—The Secretary shall, to the max-
 11 imum extent practicable, relocate access to a confined dis-
 12 posal facility owned or operated by a non-Federal interest
 13 in the Great Lakes region in which material dredged by
 14 the Corps of Engineers is placed, if the Administrator of
 15 the Federal Aviation Administration regulates access to
 16 the confined disposal facility under title 14, Code of Fed-
 17 eral Regulations.

18 (b) COST-SHARE.—The cost to relocate access to a
 19 confined disposal facility under subsection (a) shall be
 20 shared in accordance with the cost-share applicable to op-
 21 eration and maintenance of the Federal navigation project
 22 from which material placed in the confined disposal facility
 23 is dredged.

24 (c) TERMINATION.—The authority provided under
 25 this section shall terminate on December 31, 2024.

1 **SEC. 1079. COASTAL MAPPING.**

2 Section 516 of the Water Resources Development Act
3 of 1996 (33 U.S.C. 2326b) is amended—

4 (1) by redesignating subsection (g) as sub-
5 section (h);

6 (2) by inserting after subsection (f) the fol-
7 lowing:

8 “(g) COASTAL MAPPING.—The Secretary shall de-
9 velop and carry out a plan for the recurring mapping of
10 coastlines that are experiencing rapid change, including,
11 at a minimum, such coastlines in—

12 “(1) Alaska;

13 “(2) Hawaii; and

14 “(3) any territory or possession of the United
15 States.”; and

16 (3) in subsection (h) (as so redesignated), by
17 adding at the end the following:

18 “(3) COASTAL MAPPING.—In addition to
19 amounts made available under paragraph (1), there
20 is authorized to be appropriated to carry out sub-
21 section (g) with respect to Alaska, Hawaii, and the
22 territories and possessions of the United States,
23 \$10,000,000, to remain available until expended.”.

24 **SEC. 1080. DISPOSAL OF DREDGED MATERIALS.**

25 (a) IN GENERAL.—Not later than 180 days after the
26 date of enactment of this Act, the Secretary shall amend

1 parts ~~335~~ through ~~338~~ of title ~~33~~, Code of Federal Regu-
 2 lations, to ensure that, when evaluating the placement of
 3 dredged materials from operation and maintenance of
 4 water resources development projects, the Corps of Engi-
 5 neers shall consider—

6 (1) the suitability of the material to be dredged
 7 for a full range of beneficial uses; and

8 (2) the economic and environmental benefits
 9 and impacts, and feasibility, of using the material
 10 for those beneficial uses.

11 (b) SAVINGS PROVISION.—Nothing in this section af-
 12 fects, preempts, or interferes with any obligation to com-
 13 ply with the provisions of any Federal environmental law,
 14 including—

15 (1) the National Environmental Policy Act of
 16 1969 (~~42 U.S.C. 4321~~ et seq.);

17 (2) the Federal Water Pollution Control Act
 18 (~~33 U.S.C. 1251~~ et seq.); and

19 (3) the Endangered Species Act of 1973 (~~16~~
 20 U.S.C. ~~1531~~ et seq.).

21 **SEC. 1081. UPPER MISSOURI RIVER BASIN MAINSTEM DAM**
 22 **FISH LOSS RESEARCH.**

23 (a) IN GENERAL.—As part of the program under sec-
 24 tion ~~22~~ of the Water Resources Development Act of 1974
 25 (~~42 U.S.C. 1962d–16~~), the Secretary shall conduct re-

1 search on the management of fish losses through the
2 mainstem dams of the Missouri River Basin during peri-
3 ods of high flow.

4 (b) CONTENTS.—The research under subsection (a)
5 shall include an examination of—

6 (1) the effects of high flow rates through Upper
7 Missouri River Basin mainstem dam outlet works on
8 fish passage;

9 (2) options used by other Corps of Engineers
10 district offices to mitigate fish losses through dams;
11 and

12 (3) the feasibility of implementing fish loss
13 mitigation options in the Upper Missouri River
14 Basin mainstem dams based on similar ongoing
15 studies.

16 (c) REPORT.—Not later than 18 months after the
17 date of enactment of this Act, the Secretary shall submit
18 to the Committee on Transportation and Infrastructure
19 of the House of Representatives and the Committee on
20 Environment and Public Works of the Senate a report rec-
21 ommending a plan to address fish losses through
22 mainstem dams in the Upper Missouri River Basin.

1 **SEC. 1082. BRIEFINGS ON DISSEMINATION OF INFORMA-**
 2 **TION.**

3 Section 1104(b) of the America's Water Infrastruc-
 4 ture Act of 2018 (33 U.S.C. 2282d note; Public Law 115-
 5 270) is amended—

6 (1) by redesignating paragraphs (1) through
 7 (4) as subparagraphs (A) through (D), respectively,
 8 and indenting appropriately;

9 (2) in the matter preceding subparagraph (A)
 10 (as so redesignated), by striking “The Secretary”
 11 and inserting the following:

12 “(1) IN GENERAL.—The Secretary”; and

13 (3) by adding at the end the following:

14 “(2) BRIEFINGS.—Not less frequently than an-
 15 nually, the Secretary shall provide to the Committee
 16 on Environment and Public Works of the Senate
 17 and the Committee on Transportation and Infra-
 18 structure of the House of Representatives a briefing
 19 on the progress of the implementation of paragraph
 20 (1), including a description of each action the Sec-
 21 retary is taking to implement that paragraph.

22 “(3) GUIDANCE; COMPLIANCE.—The Secretary
 23 shall—

24 “(A) issue guidance on the uniform imple-
 25 mentation of the process under section 7001 of
 26 the Water Resources Reform and Development

Act of 2014 (33 U.S.C. 2282d) by each district
of the Corps of Engineers; and

“(B) each year, ensure compliance with the
guidance under subparagraph (A).”.

**SEC. 1083. CORPS OF ENGINEERS PROJECTS IN UNDER-
SERVED COMMUNITIES, ECONOMICALLY DIS-
TRESSED AREAS, OR RURAL AREAS.**

(a) DEFINITIONS.—In this section:

(1) ECONOMICALLY DISTRESSED AREA.—The
term “economically distressed area” means an area
that has—

(A) a per capita income of 80 percent or
less of the national per capita income; or

(B) an unemployment rate that is, for the
most recent 24-month period for which data is
available, at least 1 percent greater than the
national average unemployment rate.

(2) RURAL AREA.—The term “rural area”
means an area not included in an urbanized area or
urban cluster, as determined by the Director of the
Census Bureau.

(3) UNDERSERVED COMMUNITY.—The term
“underserved community” means a city, town, or
other incorporated or unincorporated political sub-

1 division of a State that provides general local gov-
 2 ernment for a population of less than 100,000.

3 (b) ~~RECOMMENDATION OF PROJECTS.~~—The Sec-
 4 retary may recommend a project without the need to dem-
 5 onstrate that the project is justified by national economic
 6 development benefits if the Secretary determines that—

7 (1) the community to be served by the project
 8 is an underserved community, is in an economically
 9 distressed area, or is in a rural area;

10 (2) the long-term life safety, economic viability,
 11 and environmental sustainability of the community
 12 would be threatened without the project; and

13 (3) in the case of a project in an underserved
 14 community, the benefits of the project are typically
 15 more local or regional in nature.

16 (c) ~~ECONOMIC CONSIDERATION.~~—The economic eval-
 17 uation of a project under subsection (b) shall include—

18 (1) monetary benefits; and

19 (2) nonmonetary benefits.

20 (d) ~~PRIORITIZATION.~~—A project recommended by the
 21 Secretary under subsection (b) shall be given equivalent
 22 budget consideration and priority as projects rec-
 23 ommended by national economic development benefits.

24 (e) ~~LIMITATIONS.~~—Nothing in this section affects,
 25 preempts, or interferes with any obligation to comply with

1 the provisions of any Federal environmental law, includ-
 2 ing—

3 (1) the National Environmental Policy Act of
 4 1969 (42 U.S.C. 4321 et seq.);

5 (2) the Federal Water Pollution Control Act
 6 (33 U.S.C. 1251 et seq.); and

7 (3) the Endangered Species Act of 1973 (16
 8 U.S.C. 1531 et seq.).

9 **SEC. 1084. INTERIM RISK REDUCTION MEASURES.**

10 (a) **IN GENERAL.**—In the case of any interim risk
 11 reduction measure for dam safety purposes that was eval-
 12 uated in a final environmental assessment completed dur-
 13 ing the period beginning on March 18, 2019, and ending
 14 on the date of enactment of this Act, the Secretary shall
 15 carry out a reevaluation of the measure in a timely man-
 16 ner if the final environmental assessment did not consider
 17 in detail at least—

18 (1) 1 operational water control plan change al-
 19 ternative;

20 (2) 1 action alternative other than an oper-
 21 ational water control plan change; and

22 (3) the no action alternative.

23 (b) **COORDINATION.**—The alternatives described in
 24 subsection (a) shall be developed in coordination with Fed-
 25 eral agencies, States, units of local government, and other

1 non-Federal interests that have existing water obligations
 2 that would be directly affected by implementation of an
 3 interim risk reduction measure referred to in that sub-
 4 section.

5 (c) IMPLEMENTATION PRIOR TO REEVALUATION.—

6 Nothing in this section prohibits the Secretary from imple-
 7 menting an interim risk reduction measure evaluated in
 8 a final environmental assessment during the period begin-
 9 ning on March 18, 2019, and ending on the date of enact-
 10 ment of this Act prior to the completion of the reevalua-
 11 tion under subsection (a).

12 **SEC. 1085. MAINTENANCE DREDGING PERMITS.**

13 (a) IN GENERAL.—The Secretary shall prioritize the
 14 reissuance of any regional general permit for maintenance
 15 dredging that expires prior to May 1, 2021, and shall use
 16 best efforts to ensure the reissuance prior to expiration
 17 of such a regional general permit for maintenance dredg-
 18 ing.

19 (b) SAVINGS PROVISION.—Nothing in this section af-
 20 fects, preempts, or interferes with any obligation to com-
 21 ply with the provisions of any Federal or State environ-
 22 mental law, including—

23 (1) the National Environmental Policy Act of
 24 1969 (42 U.S.C. 4321 et seq.);

1 (2) the Federal Water Pollution Control Act
 2 (33 U.S.C. 1251 et seq.); and
 3 (3) the Endangered Species Act of 1973 (16
 4 U.S.C. 1531 et seq.).

5 **SEC. 1086. TECHNICAL CORRECTION.**

6 The project for navigation, Theodore Ship Channel,
 7 Mobile Harbor, Alabama, authorized by section 112 of the
 8 Water Resources Development Act of 1976 (90 Stat.
 9 2923) is revised to correct a technical error and to des-
 10 ignate the 40 foot deep, 300 foot wide, and 1,200 foot
 11 long anchorage basin located adjacent to the main ship
 12 channel near the bay shoreline as a 40 foot deep, 1,320
 13 foot wide, and approximately 1,468.5 foot long access
 14 channel extending north from stations 257+25 and
 15 273+25 from the Theodore Channel to serve the public
 16 terminal as obligated under that Act.

17 **SEC. 1087. ANNUAL DEBRIS REMOVAL.**

18 (a) IN GENERAL.—Not later than December 31 of
 19 each year, the Secretary shall submit to the Committee
 20 on Environment and Public Works of the Senate and the
 21 Committee on Transportation and Infrastructure of the
 22 House of Representatives a report that identifies the ac-
 23 tivities the Secretary plans to start, continue, or complete
 24 during the upcoming year pursuant to authority provided
 25 to the Secretary under section 3 of the Act of March 2,

1 ~~1945 (59 Stat. 23, chapter 19; 33 U.S.C. 603a), or an-~~
 2 ~~other debris removal authority of the Secretary.~~

3 ~~(b) INCLUSIONS.—The report under subsection (a)~~
 4 ~~shall include—~~

5 ~~(1) a list of debris removal activities to be start-~~
 6 ~~ed, continued, or completed during the upcoming fis-~~
 7 ~~cal year within the boundaries of the North Atlantic~~
 8 ~~Division of the Corps of Engineers;~~

9 ~~(2) the authority under which the debris re-~~
 10 ~~moval activity is to be carried out;~~

11 ~~(3) estimated total costs and completion dates~~
 12 ~~for each activity; and~~

13 ~~(4) the non-Federal partner for each activity.~~

14 **SEC. 1088. ENHANCED DEVELOPMENT DEMONSTRATION**
 15 **PROGRAM.**

16 ~~(a) IN GENERAL.—The Secretary is directed to re-~~
 17 ~~view the master plan and shoreline management plan for~~
 18 ~~any lake described in section 3134 of the Water Resources~~
 19 ~~Development Act of 2007 (121 Stat. 1142; 130 Stat.~~
 20 ~~1671) for the purpose of identifying areas suitable for en-~~
 21 ~~hanced development if—~~

22 ~~(1) the master plan and shoreline management~~
 23 ~~plan of the lake have been updated since January 1,~~
 24 ~~2013; and~~

1 (2) the district office of the Corps of Engineers
2 has received a written request for such a review.

3 (b) DEFINITION OF ENHANCED DEVELOPMENT.—In
4 this section, the term “enhanced development” means
5 structures or other improvements used for non-water-de-
6 pendent commercial or hospitality industry purposes or for
7 residential or recreational purposes.

8 (c) LEASE AUTHORITY.—The Secretary is authorized
9 to lease Federal land under the jurisdiction of the Sec-
10 retary pursuant to this section for such terms as the Sec-
11 retary determines to be advisable to permit enhanced de-
12 velopment in areas approved for such uses under sub-
13 section (a).

14 (d) USE OF COMPETITIVE PROCEDURES.—The Sec-
15 retary shall require use of competitive procedures for
16 leases authorized under subsection (c).

17 (e) CONSIDERATIONS.—For leases authorized under
18 subsection (c), the Secretary shall—

19 (1) require payment of at least fair market
20 value, up to 50 percent of which amount may be
21 provided in-kind at the discretion of the Secretary;

22 (2) enter into a partnership agreement with a
23 private entity;

24 (3) consider lease durations of up to 100 years;
25 and

1 (4) consider regional economic impacts.

2 (f) TYPES OF IN-KIND CONSIDERATION.—The Sec-
3 retary is authorized to accept as in-kind consideration
4 under subsection (e)(1)—

5 (1) the maintenance, protection, alteration, re-
6 pair, improvement, or restoration of public recre-
7 ation facilities under the control of the Secretary;
8 and

9 (2) construction of new public recreation facili-
10 ties.

11 (g) DISPOSITION OF PROCEEDS.—Notwithstanding
12 section 7 of the Act of August 18, 1941 (55 Stat. 650,
13 chapter 377; 33 U.S.C. 701c-3), all proceeds received
14 from issuance of leases authorized under subsection (e)
15 shall be deposited in a special account in the Treasury
16 established for the Secretary and shall be available for the
17 following activities at the lake specified in a lease entered
18 into under this section:

19 (1) Natural resource and recreation manage-
20 ment.

21 (2) The investigation, planning, construction,
22 operation, and maintenance of public recreation fa-
23 cilities.

24 (h) PAYMENT OF ADMINISTRATIVE EXPENSES.—The
25 Secretary shall recover the administrative expenses associ-

1 ated with leases authorized under subsection (c) in accord-
 2 ance with section 2695 of title 10, United States Code.

3 **SEC. 1089. REPORT ON BENEFITS CALCULATION FOR**
 4 **FLOOD CONTROL STRUCTURES.**

5 Not later than 180 days after the date of enactment
 6 of this Act, the Secretary shall submit to the Committee
 7 on Environment and Public Works of the Senate and the
 8 Committee on Transportation and Infrastructure of the
 9 House of Representatives a report on the extent to which
 10 flood insurance premium reductions that result from im-
 11 plementation of a structural flood risk management
 12 project are included in the calculation of the benefits of
 13 the project by the Corps of Engineers.

14 **SEC. 1090. HIGH WATER-LOW WATER PREPAREDNESS.**

15 (a) **DEFINITION OF BYPASS.**—In this section, the
 16 term “bypass” means an alternate water route adjacent
 17 to a lock and dam that can be used for commercial naviga-
 18 tion during high water conditions.

19 (b) **EMERGENCY DETERMINATION.**—

20 (1) **IN GENERAL.**—The Secretary, in consulta-
 21 tion with the District Commanders responsible for
 22 maintaining any affected waterway, the Inland Wa-
 23 terway Users Board, and the Coast Guard, may
 24 make a determination that an emergency condition
 25 described in paragraph (2) exists, or is anticipated

1 to exist, on an inland navigable waterway or a by-
 2 pass.

3 ~~(2) EMERGENCY CONDITIONS.—~~An emergency
 4 condition includes not less than 1 of the following:

5 (A) Unsafe conditions on an inland navi-
 6 gable waterway or a bypass that prevents the
 7 operation of commercial vessels as a result of a
 8 major change in water level or flows.

9 (B) An obstruction in an inland navigable
 10 waterway or a bypass, including silt, sediment,
 11 rock formation, or a shallow channel.

12 (C) An impaired or inoperable Federal lock
 13 and dam.

14 ~~(c) EMERGENCY MITIGATION PROJECT.—~~

15 ~~(1) IN GENERAL.—~~Subject to paragraph ~~(2)~~
 16 and the availability of appropriations and in accord-
 17 ance with all applicable Federal requirements, the
 18 Secretary may carry out an emergency mitigation
 19 project on an inland navigable waterway or a bypass
 20 for which the Secretary has determined that an
 21 emergency condition exists, or is anticipated to exist,
 22 under subsection (b)(1) to remedy or prevent that
 23 emergency condition.

24 ~~(2) DEADLINE.—~~An emergency mitigation
 25 project under paragraph ~~(1)~~ shall—

(A) be initiated by not later than 60 days after the date on which the Secretary makes a determination under subsection (b)(1) with respect to the inland navigable waterway or bypass on which the project will be carried out; and

(B) be completed by not later than 1 year after the date on which the Secretary makes a determination under subsection (b)(1) with respect to the inland navigable waterway or bypass on which the project will be carried out.

(d) **AUTHORIZATION OF APPROPRIATIONS.**—There is authorized to be appropriated to the Secretary to carry out this section \$25,000,000 for each of fiscal years 2022 through 2024, to remain available until expended.

SEC. 1091. EAST ROCKAWAY INLET TO ROCKAWAY INLET AND JAMAICA BAY REFORMULATION, NEW YORK.

(a) **IN GENERAL.**—The Secretary is authorized to carry out the project for hurricane and storm damage reduction, East Rockaway Inlet to Rockaway Inlet and Jamaica Bay Reformulation, Atlantic Coast of New York, substantially in accordance with terms and conditions described in the report of the Chief of Engineers, dated August 22, 2019, and subsection (b).

1 (b) TREATMENT AND COST-SHARE.—For the project
2 described in subsection (a)—

3 (1) the project shall be considered to be a con-
4 tinuation of the interim response to the authoriza-
5 tion under House Report 105–90 of the 105th Con-
6 gress, and under the heading “CONSTRUCTION”
7 under the heading “CORPS OF ENGINEERS–CIVIL”
8 under chapter 4 of title X of the Disaster Relief Ap-
9 propriations Act, 2013 (127 Stat. 24); and

10 (2) for renourishment and adaptive manage-
11 ment activities for the project, the total estimated
12 periodic renourishment cost shall be \$379,526,000,
13 to be shared 50 percent Federal and 50 percent non-
14 Federal.

15 **SEC. 1092. REPORT ON ANTECEDENT HYDROLOGIC CONDI-**
16 **TIONS.**

17 (a) REPORT.—

18 (1) IN GENERAL.—Not later than 1 year after
19 the date of enactment of this Act, the Secretary
20 shall submit to the Committee on Environment and
21 Public Works of the Senate and the Committee on
22 Transportation and Infrastructure of the House of
23 Representatives a report on the use by the Corps of
24 Engineers since 2010 of data relating to antecedent
25 hydrologic conditions in the Missouri River Basin

1 (including soil moisture conditions, frost depths,
2 snowpack, and streamflow conditions) in—

3 (A) conducting Missouri River mainstem
4 reservoir operations under the Missouri River
5 Master Manual;

6 (B) developing related annual operating
7 plans; and

8 (C) performing seasonal, monthly, and
9 daily operations.

10 (2) INCLUSIONS.—The report under paragraph
11 (1) shall include—

12 (A) a review of—

13 (i) the approach of the Corps of Engi-
14 neers to forecasting basin runoff in devel-
15 oping annual operating plans of the Corps
16 of Engineers;

17 (ii) the assessment of existing and al-
18 ternative algorithms that could improve
19 forecasting;

20 (iii) the approach of the Corps of En-
21 gineers for reservoir releases in the winter,
22 spring, summer, and fall, based on runoff
23 forecasts;

1 (iv) the February 2017 technical re-
 2 port of the Corps of Engineers on long-
 3 range forecasting;

4 (v) the use by the Corps of Engineers
 5 of data from Federal and State entities in
 6 runoff forecasts; and

7 (vi) the use by the Corps of Engineers
 8 of advanced data collection, including
 9 through the use of unmanned aerial sys-
 10 tems; forecasting; and modeling; and

11 (B) findings and recommendations on how
 12 to best incorporate antecedent basin conditions
 13 in annual operating plans and Missouri River
 14 mainstem reservoir operations.

15 (b) PEER REVIEW.—

16 (1) IN GENERAL.—The Secretary shall seek to
 17 enter into an agreement with the National Academy
 18 of Sciences or a similar independent scientific and
 19 technical advisory organization to establish a panel
 20 of experts to conduct a peer review of the report
 21 under subsection (a).

22 (2) REPORT.—Not later than 180 days after
 23 the date on which the Secretary receives the results
 24 of the peer review under paragraph (1), the Sec-
 25 retary shall submit to the Committee on Environ-

1 ment and Public Works of the Senate and the Com-
 2 mittee on Transportation and Infrastructure of the
 3 House of Representatives the results of the peer re-
 4 view under paragraph (1).

5 (e) AUTHORIZATION OF APPROPRIATIONS.—There
 6 are authorized to be appropriated to the Secretary—

7 (1) \$5,000,000 for the report under subsection
 8 (a); and

9 (2) \$5,000,000 for the peer review under sub-
 10 section (b).

11 **SEC. 1093. HARMFUL ALGAL BLOOMS DEMONSTRATION**
 12 **PROGRAM.**

13 (a) IN GENERAL.—The Secretary is authorized to
 14 carry out a demonstration program to determine the
 15 causes of, and how to effectively treat and eliminate,
 16 harmful algal blooms within the Great Lakes and Lake
 17 Okeechobee, Florida, and applicable tributaries.

18 (b) CONSULTATION; USE OF EXISTING DATA.—

19 (1) CONSULTATION.—In carrying out the dem-
 20 onstration program under subsection (a), the Sec-
 21 retary shall consult with appropriate Federal and
 22 State agencies.

23 (2) USE OF DATA.—In carrying out the dem-
 24 onstration program under subsection (a), the Sec-
 25 retary shall make maximum use of data in existence

1 on the date of enactment of this Act and ongoing
 2 programs and efforts of Federal agencies and
 3 States.

4 (c) COST SHARING.—An activity carried out under
 5 the demonstration program under subsection (a) shall be
 6 at full Federal expense.

7 (d) AUTHORIZATION OF APPROPRIATIONS.—There is
 8 authorized to be appropriated to carry out this section
 9 \$25,000,000, to remain available until expended.

10 **SEC. 1094. SENSE OF CONGRESS RELATING TO ANNUAL**
 11 **MAINTENANCE DREDGING.**

12 It is the sense of Congress that the Corps of Engi-
 13 neers should maintain the annual maintenance dredging
 14 for Wilmington Harbor, Delaware.

15 **SEC. 1095. SELECTION OF DREDGED MATERIAL DISPOSAL**
 16 **METHOD FOR CERTAIN PURPOSES.**

17 Section 204 of the Water Resources Development Act
 18 of 1992 (33 U.S.C. 2326) is amended—

19 (1) in subsection (d)(1)—

20 (A) in the matter preceding subparagraph
 21 (A), by striking “In developing” and all that
 22 follows through “the non-Federal interest,” and
 23 inserting “At the request of the non-Federal in-
 24 terest for a project involving the disposal of
 25 dredged material, the Secretary, using funds

1 appropriated for construction or operation and
 2 maintenance of the project, may select”; and

3 (B) in subparagraph (B), by striking
 4 “flood and storm damage and flood reduction
 5 benefits” and inserting “hurricane and storm or
 6 flood risk reduction benefits”; and

7 (2) in subsection (g) (as amended by section
 8 1017(b)(5)(B))—

9 (A) in paragraph (1), in the matter pre-
 10 ceeding subparagraph (A), by striking “There
 11 are” and inserting “Except as provided in para-
 12 graph (3), there are”;

13 (B) by redesignating paragraph (3) as
 14 paragraph (4); and

15 (C) by inserting after paragraph (2) the
 16 following:

17 “(3) SELECTION OF DREDGED MATERIAL DIS-
 18 POSAL METHOD FOR CERTAIN PURPOSES.—Activities
 19 carried out under subsection (d)—

20 “(A) shall be carried out using amounts
 21 appropriated for construction or operation and
 22 maintenance of the project involving the dis-
 23 posal of the dredged material; and

24 “(B) shall not carried out using amounts
 25 made available under paragraph (1).”.

1 **SEC. 1096. INCREASING ACCESS FOR RECREATION AT**
 2 **CORPS OF ENGINEERS PROJECTS.**

3 (a) IN GENERAL.—The Secretary, in coordination
 4 with relevant non-Federal sponsors and State and local
 5 recreation organizations, shall develop recommendations
 6 to maximize public access and public use of projects owned
 7 or operated by the Corps of Engineers.

8 (b) INVENTORY AND PLAN.—Not later than 180 days
 9 after the date of enactment of this Act, the Secretary shall
 10 submit to the Committee on Environment and Public
 11 Works of the Senate and the Committee on Transpor-
 12 tation and Infrastructure of the House of Representatives
 13 and make publicly available a report that includes—

14 (1) an inventory of projects owned or operated
 15 by the Corps of Engineers that are publicly acces-
 16 sible; and

17 (2) recommendations to increase access for
 18 recreation as described in subsection (a).

19 **SEC. 1097. EXTINGUISHMENT OF FLOWAGE EASEMENTS,**
 20 **ROUGH RIVER LAKE, KENTUCKY.**

21 (a) IN GENERAL.—Subject to the availability of ap-
 22 propriations and on request of the landowner, the Sec-
 23 retary shall extinguish any flowage easement or portion
 24 of a flowage easement held by the United States on devel-
 25 oped land of the landowner at Rough River Lake, Ken-
 26 tucky—

1 (1) that is above 534 feet mean sea level; and
 2 (2) for which the Secretary determines the flow-
 3 age easement or portion of the flowage easement is
 4 not required to address backwater effects.

5 (b) NO LIABILITY.—The United States shall not be
 6 liable for any damages to property or injuries to persons
 7 from flooding that may be attributable to the operation
 8 and maintenance of Rough River Dam, Kentucky, on land
 9 that was encumbered by a flowage easement extinguished
 10 under subsection (a).

11 (c) AUTHORIZATION OF APPROPRIATIONS.—There is
 12 authorized to be appropriated to carry out this section
 13 \$10,000,000, to remain available until expended.

14 **SEC. 1098. SMALL FLOOD CONTROL PROJECTS.**

15 Subsection (a)(1) of section 205 of the Flood Control
 16 Act of 1948 (33 U.S.C. 701s) (as amended by section
 17 1017(b)(6)) is amended by inserting “and projects that
 18 use natural features or nature-based features (as those
 19 terms are defined in section 1184(a) of the Water Infra-
 20 structure Improvements for the Nation Act (33 U.S.C.
 21 2289a(a))” after “nonstructural projects”.

1 **SEC. 1099. COMPREHENSIVE STUDY OF MISSISSIPPI RIVER**
2 **SYSTEM FROM OLD RIVER CONTROL STRUC-**
3 **TURE TO GULF OF MEXICO.**

4 (a) DEVELOPMENT.—The Secretary, in collaboration
5 with the heads of other relevant Federal agencies, shall
6 conduct, and submit to Congress a comprehensive study
7 of the lower Mississippi River, and the tributaries and
8 distributaries of the Mississippi River, from the Old River
9 Control Structure near Point Breeze, Louisiana, to the
10 Gulf of Mexico, including an examination of—

11 (1) hurricane and storm damage reduction,
12 flood risk management, structural and nonstructural
13 flood control, and floodplain management strategies,
14 including the consideration of natural features or
15 nature-based features (as those terms are defined in
16 section 1184(a) of the Water Infrastructure Im-
17 provements for the Nation Act (33 U.S.C.
18 2289a(a)));

19 (2) structural and operational modifications to
20 completed water resources development projects
21 within the study area;

22 (3) fish and wildlife habitat resources, including
23 in the Mississippi Sound Estuary, the Lake Pont-
24 chartrain Basin, the Breton Sound, the Barataria
25 Basin, the Terrebonne Basin, the Atchafalaya Basin,

1 the Vermilion-Teeche Basin, and other outlets of the
2 Mississippi River and Tributaries Project;

3 (4) mitigation of adverse impacts from oper-
4 ations of flood control structures to the Mississippi
5 Sound Estuary, the Lake Pontchartrain Basin, the
6 Breton Sound, the Barataria Basin, the Atchafalaya
7 Basin, and other outlets of the Mississippi River and
8 Tributaries Project, including on water quality;

9 (5) recreation needs;

10 (6) navigation needs;

11 (7) ecosystem restoration needs;

12 (8) monitoring requirements, including as near-
13 real time monitoring as practicable, and adaptive
14 management measures to respond to changing condi-
15 tions over time;

16 (9) the division of responsibilities of the Federal
17 Government and non-Federal interests with respect
18 to flood risk management and hurricane and storm
19 damage reduction; and

20 (10) the roles and responsibilities of Federal
21 agencies with respect to flood risk management.

22 (b) CONTENTS.—The study under subsection (a)
23 shall—

1 (1) include recommendations on management
2 plans and actions to be carried out by responsible
3 Federal agencies;

4 (2) address whether changes are necessary to
5 the Mississippi River and Tributaries Project au-
6 thorized by the first section of the Act of May 15,
7 1928 (commonly known as the “Flood Control Act
8 of 1928”) (45 Stat. 534, chapter 569; 33 U.S.C.
9 702a) within the study area;

10 (3) recognize the interest and rights of States
11 in maximum effective river resource use and control;
12 and

13 (4) include recommendations for—

14 (A) Federal and non-Federal action, where
15 appropriate;

16 (B) construction of new water resource
17 projects to improve the maximum effective river
18 resource use and control within the study area;
19 and

20 (C) follow-up studies and data collection
21 and monitoring to be carried out by the rel-
22 evant Federal or State agency.

23 (c) FURTHER ANALYSIS.—

24 (1) IN GENERAL.—As part of the study under
25 subsection (a), the Secretary shall carry out activi-

1 ties that warrant additional analysis by the Corps of
2 Engineers, including feasibility studies.

3 ~~(2) TREATMENT.—A feasibility study carried~~
4 ~~out under paragraph (1) shall be considered to be a~~
5 ~~continuation of the study under subsection (a).~~

6 ~~(d) CONSULTATION; USE OF EXISTING DATA.—~~

7 ~~(1) CONSULTATION.—In conducting the study~~
8 ~~under subsection (a), the Secretary shall consult~~
9 ~~with appropriate Federal and State agencies.~~

10 ~~(2) USE OF DATA.—In conducting the study~~
11 ~~under subsection (a), the Secretary shall make max-~~
12 ~~imum use of data in existence on the date of enact-~~
13 ~~ment of this Act and ongoing programs and efforts~~
14 ~~of Federal agencies, States, universities, and non-~~
15 ~~profit entities, including multi-State monitoring pro-~~
16 ~~grams.~~

17 ~~(e) COST SHARING.—The study conducted under~~
18 ~~subsection (a) shall be at full Federal expense.~~

19 ~~(f) AUTHORIZATION OF APPROPRIATIONS.—There is~~
20 ~~authorized to be appropriated to carry out this section~~
21 ~~\$25,000,000, to remain available until expended.~~

22 **SEC. 1100. MISSOURI RIVER.**

23 ~~(a) REPORT.—Not later than 1 year after the date~~
24 ~~of enactment of this Act and biannually thereafter for a~~
25 ~~period of 10 years, the Secretary shall submit to the Com-~~

1 mittee on Transportation and Infrastructure of the House
 2 of Representatives and the Committee on Environment
 3 and Public Works of the Senate a report on the changes
 4 to impacts of interception-rearing complex (referred to in
 5 this section as “IRC”) on—

6 (1) flood control, navigation, and other author-
 7 ized purposes set forth in the Missouri River Master
 8 Manual; and

9 (2) the population status of the pallid sturgeon,
 10 including population trends.

11 (b) FUTURE IRC CONSTRUCTION.—

12 (1) COMMENTS.—The Secretary shall solicit
 13 comments from the public and the Governor of each
 14 affected State on proposals to construct additional
 15 IRCS.

16 (2) RESEARCH AND DEVELOPMENT.—The Sec-
 17 retary shall conduct further research on IRC design,
 18 including any impacts on existing flows and all au-
 19 thorized purposes set forth in the Missouri River
 20 Master Manual, to ensure that any construction of
 21 IRCS incorporates the best available science.

22 (3) PERIOD.—The public comment period
 23 under paragraph (1) shall be not less than 90 days
 24 for each future IRC project.

1 (4) REPAIRS.—Subject to the availability of ap-
 2 propriations, the Secretary shall use all existing au-
 3 thorities—

4 (A) to repair dikes and revetments that are
 5 impacting flood risk and bank erosion; and

6 (B) to repair or improve water control
 7 structures at the headworks of constructed
 8 shallow water habitat side channels.

9 (c) AUTHORIZED PURPOSES.—

10 (1) IN GENERAL.—If the Secretary determines
 11 that IRCs have an adverse impact on an authorized
 12 purpose set forth in the Missouri River Master Man-
 13 ual, the Secretary shall take corrective action to ad-
 14 dress any such adverse impacts.

15 (2) NO ADVERSE IMPACT ON TONNAGE.—To
 16 the maximum extent practicable, the Secretary shall
 17 ensure that IRCs do not have an adverse impact on
 18 tonnage of materials transported on the Missouri
 19 River.

20 **SEC. 1101. FLEXIBILITY FOR PROJECTS.**

21 (a) GOAL.—For each feasibility study initiated by the
 22 Secretary on or after the date of enactment of this Act
 23 under section 905(a) of the Water Resources Development
 24 Act of 1986 (33 U.S.C. 2282(a)), the Secretary shall—

1 (1) establish a goal of completing the feasibility
2 study by not later than 2 years after the date of ini-
3 tiation; and

4 (2) to the maximum extent practicable, attempt
5 to comply with the goal under paragraph (1).

6 (b) ~~AUTHORITY.~~—In carrying out a feasibility study
7 described in subsection (a), the Secretary shall—

8 (1) exercise all existing flexibilities under and
9 exceptions to any requirement administered by the
10 Secretary, in whole or in part; and

11 (2) otherwise provide additional flexibility or ex-
12 pedited processing with respect to the requirements
13 described in paragraph (1) to meet the goal de-
14 scribed in subsection (a)(1).

15 (c) ~~MAINTAINING PROTECTIONS.~~—Nothing in this
16 section—

17 (1) supersedes, amends, or modifies—

18 (A) section 1001(a)(1) of the Water Re-
19 sources Reform and Development Act of 2014
20 (33 U.S.C. 2282e(a)(1)); or

21 (B) the National Environmental Policy Act
22 of 1969 (42 U.S.C. 4321 et seq.) or any other
23 Federal environmental law; or

1 (2) affects the responsibility of any Federal of-
 2 ficer to comply with or enforce any law or require-
 3 ment described in this subsection.

4 **SEC. 1102. DEVELOPMENT OF CATEGORICAL EXCLUSIONS.**

5 (a) IN GENERAL.—Not later than 60 days after the
 6 date of enactment of this Act, the Secretary shall—

7 (1) in consultation with the agencies described
 8 in subsection (b), identify the categorical exclusions
 9 described in section 230.9 of title 33, Code of Fed-
 10 eral Regulations (or successor regulations), that
 11 would accelerate delivery of a project if those cat-
 12 egorical exclusions were available to those agencies;

13 (2) collect existing documentation and substan-
 14 tiating information on the categorical exclusions
 15 identified under paragraph (1); and

16 (3) provide to each agency described in sub-
 17 section (b)—

18 (A) a list of the categorical exclusions
 19 identified under paragraph (1); and

20 (B) the documentation and substantiating
 21 information collected under paragraph (2).

22 (b) AGENCIES DESCRIBED.—The agencies referred to
 23 in subsection (a) are—

24 (1) the Department of the Interior;

25 (2) the Department of Transportation;

- 1 ~~(3) the Department of Commerce;~~
- 2 ~~(4) the Department of Agriculture;~~
- 3 ~~(5) the Department of Energy;~~
- 4 ~~(6) the Department of Defense; and~~
- 5 ~~(7) any other Federal agency that has partici-~~
- 6 ~~ipated in an environmental review process for a~~
- 7 ~~project, as determined by the Secretary.~~

8 ~~(c) ADOPTION OF CATEGORICAL EXCLUSIONS.—~~

9 ~~(1) IN GENERAL.—Not later than 1 year after~~
 10 ~~the date on which the Secretary provides the list re-~~
 11 ~~quired under subsection (a)(3)(A), an agency de-~~
 12 ~~scribed in subsection (b) shall publish a notice of~~
 13 ~~proposed rulemaking to propose any categorical ex-~~
 14 ~~clusions from the list applicable to the agency, sub-~~
 15 ~~ject to the condition that the categorical exclusion~~
 16 ~~identified under subsection (a)(1) meets the criteria~~
 17 ~~for a categorical exclusion under section 1508.4 of~~
 18 ~~title 40, Code of Federal Regulations (or successor~~
 19 ~~regulations).~~

20 ~~(2) PUBLIC COMMENT.—In a notice of proposed~~
 21 ~~rulemaking under paragraph (1), the applicable~~
 22 ~~agency may solicit comments on whether any of the~~
 23 ~~proposed new categorical exclusions meet the criteria~~
 24 ~~for a categorical exclusion under section 1508.4 of~~

1 title 40, Code of Federal Regulations (or successor
2 regulations).

3 **Subtitle B—Studies and Reports**

4 **SEC. 1201. AUTHORIZATION OF PROPOSED FEASIBILITY** 5 **STUDIES AND MODIFICATIONS.**

6 The Secretary is authorized to conduct a feasibility
7 study or initiate project modifications for the following
8 projects for water resources development and conservation
9 and other purposes, as identified in the report entitled
10 “Report to Congress on Future Water Resources Develop-
11 ment” submitted to Congress on or after June 3, 2019,
12 pursuant to section 7001 of the Water Resources Reform
13 and Development Act of 2014 (33 U.S.C. 2282d) or other-
14 wise reviewed by Congress:

15 (1) The project for coastal storm risk manage-
16 ment, Newbury and Newburyport, Massachusetts.

17 (2) The project for flood protection, Jones
18 County, Mississippi.

19 (3) The project for ecosystem restoration,
20 Lower Osage River Basin, Missouri.

21 (4) The project modification for Clarence Can-
22 non Dam and Mark Twain Lake Project Salt River,
23 Missouri.

24 (5) The project modification for Smithville
25 Lake, Plattsburg, Missouri.

1 (6) The project modification for Smithville
2 Lake, Smithville, Missouri.

3 (7) The project for navigation, Lower Missouri
4 River, Missouri.

5 (8) The project for flood risk management,
6 Port Arthur, Texas.

7 (9) The project for flood risk management,
8 Chocolate Bayou, Texas.

9 (10) The project for navigation, Houston-Gal-
10 veston, Texas.

11 (11) Reauthorization of the project for naviga-
12 tion, Christiansted Harbor, St. Croix, United States
13 Virgin Islands.

14 (12) Modification of the project for water sup-
15 ply desalination, South Perris, California.

16 (13) Reauthorization of the project for naviga-
17 tion, Charlotte Amalie Harbor, St. Thomas, United
18 States Virgin Islands.

19 (14) The project for flood protection, levee re-
20 habilitation, Greater Williamsport, Pennsylvania.

21 **SEC. 1202. EXPEDITED COMPLETION.**

22 The Secretary shall expedite the completion, review,
23 or validation of the applicable decision document for the
24 following projects:

- 1 (1) Modification of the Tennessee-Tombigbee
2 Waterway for improved access and navigation.
- 3 (2) The project for ecosystem restoration, Hud-
4 son-Raritan Estuary, New York and New Jersey.
- 5 (3) The project for flood risk management,
6 Peckman River Basin, New Jersey.
- 7 (4) The project for navigation, St. George Har-
8 bor, Alaska.
- 9 (5) The project for navigation, Kentucky Lock
10 and Dam, Tennessee River, Kentucky.
- 11 (6) The project for navigation, New Haven
12 Harbor, Connecticut.
- 13 (7) The project for flood risk management,
14 Fairfield and New Haven Counties, Connecticut.
- 15 (8) The project for navigation, Wilmington
16 Harbor, North Carolina.
- 17 (9) The project for hurricane and storm dam-
18 age risk reduction, Carolina Beach, North Carolina.
- 19 (10) The project for hurricane and storm dam-
20 age risk reduction, Wrightsville Beach, North Caro-
21 lina.
- 22 (11) The project for flood risk management,
23 Raymondville Drain Project, Lower Rio Grande
24 Basin, Texas.

1 (12) The project for navigation, Port of Corpus
2 Christi, Texas.

3 (13) The project for flood risk management,
4 Westminster and East Garden Grove, California.

5 (14) The project for flood risk management,
6 Prado Basin, California.

7 (15) The project for ecosystem restoration,
8 Malibu Creek watershed, California.

9 (16) The project for flood risk management,
10 San Francisquito Creek, California.

11 (17) The project for navigation, Georgetown
12 Harbor, South Carolina.

13 (18) The project for coastal storm risk manage-
14 ment, Myrtle Beach, South Carolina.

15 (19) The project for flood risk management,
16 Dorchester County, South Carolina.

17 (20) The project for navigation, Florence, Ala-
18 bama.

19 (21) The project for navigation, North Landing
20 Bridge, Atlantic Intracoastal Waterway, Virginia.

21 (22) The project for flood risk management,
22 Upper Barataria, Louisiana.

23 (23) The project for navigation, Port Fourchon,
24 Belle Pass, Louisiana.

1 (24) The project for ecosystem restoration,
2 Lake Okeechobee, Florida.

3 (25) The project for ecosystem restoration,
4 Western Everglades, Florida.

5 (26) The project for ecosystem restoration,
6 Canal 111, South Dade, Florida.

7 (27) The project for ecosystem restoration,
8 Caloosahatchee River C-43, West Basin Storage
9 Reservoir, Florida.

10 (28) The project for flood risk management,
11 Hanapepe River, Kaua'i, Hawaii.

12 (29) The project for flood risk management,
13 Wailupe Stream, Oahu, Hawaii.

14 (30) The project for flood risk management,
15 Lower Santa Cruz watershed, Arizona.

16 (31) The project for navigation, Upper St. An-
17 thony Falls Lock and Dam, Minnesota.

18 (32) The project for flood risk management,
19 Westchester County streams, New York.

20 (33) The project for hurricane and storm dam-
21 age risk reduction, Fire Island to Montauk Point
22 Reformulation, New York.

23 (34) The project for flood risk management,
24 Savan Gut Phase II, St. Thomas, United States Vir-
25 gin Islands.

1 (35) The project for flood risk management,
2 Rio Culebrinas, Puerto Rico.

3 (36) The project for flood risk management,
4 Turpentine Run, St. Thomas, United States Virgin
5 Islands.

6 (37) The project for flood risk management,
7 Rio Guayanilla, Puerto Rico.

8 (38) The project for hurricane and storm dam-
9 age risk reduction, Highlands, New Jersey.

10 (39) The project for navigation, Seattle Harbor,
11 Washington.

12 (40) The project for flood risk management,
13 metropolitan Louisville, Kentucky.

14 (41) The feasibility study for the project for re-
15 habilitation of Lock E-32, Erie Canal, Pittsford,
16 New York.

17 (42) The project for ecosystem restoration,
18 Hudson River Habitat Restoration, New York.

19 (43) The project for navigation, Lake Montauk
20 Harbor, New York.

21 (44) Modifications to the project for navigation,
22 Milwaukee Harbor, Wisconsin, pursuant to section
23 14 of the Act of March 3, 1899 (commonly known
24 as the "Rivers and Harbors Act of 1899") (30 Stat.
25 1152, chapter 425; 33 U.S.C. 408).

1 (45) An economic reevaluation report for the
 2 navigation and sustainability program under title
 3 VIII of the Water Resources Development Act of
 4 2007 (~~33~~ U.S.C. 652 note; Public Law 110–114).

5 (46) The project for water supply, Willamette
 6 River Basin Review Reallocation, Oregon.

7 (47) The project for ecosystem restoration,
 8 South Fork of the South Branch of the Chicago
 9 River (Bubbly Creek), Illinois.

10 **SEC. 1203. INCLUSION OF CERTAIN PROJECTS IN ANNUAL**
 11 **REPORT TO CONGRESS.**

12 The Secretary shall complete the review of each of
 13 the following submissions for consideration for inclusion
 14 in the report submitted under section 7001 of the Water
 15 Resources Reform and Development Act of 2014 (~~33~~
 16 U.S.C. 2282d):

17 (1) Modification of the authorization for the en-
 18 vironmental infrastructure project, DeSoto County,
 19 Mississippi, under section 219(f)(30) of the Water
 20 Resources Development Act of 1992 (106 Stat.
 21 4835; 113 Stat. 335; 122 Stat. 1623).

22 (2) Modification of the types of activities au-
 23 thorized under the environmental infrastructure
 24 project, Jackson County, Mississippi, under section

1 ~~331~~ of the Water Resources Development Act of
2 1999 (~~113~~ Stat. 305; ~~121~~ Stat. 1134).

3 ~~(3)~~ Modification of the environmental restora-
4 tion infrastructure and resource protection develop-
5 ment program, southern West Virginia, under sec-
6 tion ~~340~~ of the Water Resources Development Act
7 of 1992 (~~106~~ Stat. 4856; ~~113~~ Stat. 320; ~~114~~ Stat.
8 2678; ~~121~~ Stat. 1257).

9 ~~(4)~~ Modification of the environmental assistance
10 program, central West Virginia, under section 571
11 of the Water Resources Development Act of 1999
12 (~~113~~ Stat. 371; ~~121~~ Stat. 1257).

13 ~~(5)~~ Modification of the authorized funding level
14 for the project for water and wastewater assistance,
15 Madison and St. Claire Counties, Illinois, authorized
16 by section ~~219(f)(55)~~ of the Water Resources Devel-
17 opment Act of 1992 (~~106~~ Stat. 4835; ~~113~~ Stat. 335;
18 ~~114~~ Stat. 2763A-221).

19 ~~(6)~~ A study on the reallocation of water storage
20 at Lake Whitney, Texas, in accordance with section
21 ~~301~~ of the Water Supply Act of 1958 (~~43~~ U.S.C.
22 390b).

23 ~~(7)~~ Reallocation of water storage at Aquilla
24 Lake, Texas, in accordance with the Aquilla Lake
25 Reallocation Study of the Corps of Engineers, dated

1 February 2018, and section 301 of the Water Sup-
 2 ply Act of 1958 (43 U.S.C. 390b).

3 (8) Expansion of the Abiquiu Reservoir, New
 4 Mexico, to allow more flexibility for concurrent stor-
 5 age of San Juan-Chama and Rio Grande system
 6 water, while changing the authorized water supply
 7 storage limit within the flood control space from a
 8 volume of 200,000 acre-feet to an elevation of 6,230
 9 feet National Geodetic Vertical Datum, in order to
 10 increase the currently available space by approxi-
 11 mately 30,000 acre-feet until the space diminishes
 12 over time due to sediment inflow.

13 (9) A watershed assessment to determine prob-
 14 lems, needs, and opportunities within the Lower Rio
 15 Grande Valley watershed, Texas.

16 **SEC. 1204. ASSISTANCE TO NON-FEDERAL SPONSORS.**

17 (a) IN GENERAL.—The Corps of Engineers shall pro-
 18 vide assistance to the non-Federal interest of a project
 19 proposal described in subsection (b) during the Corps of
 20 Engineers outreach required under section 7001(b) of the
 21 Water Resources Reform and Development Act of 2014
 22 (~~33 U.S.C. 2282d(b)~~).

23 (b) PROJECT PROPOSALS DESCRIBED.—A project
 24 proposal referred to in subsection (a) is any of the fol-
 25 lowing:

1 ~~(1) Development of a management plan for res-~~
2 ~~toration of the Chicago River, Illinois, pursuant to~~
3 ~~the resolution of the Committee on Environment and~~
4 ~~Public Works of the Senate (108th Congress, 2d~~
5 ~~Session) relating to the Chicago River System Res-~~
6 ~~toration Management Plan, Illinois, and dated June~~
7 ~~23, 2004.~~

8 ~~(2) Modification of the authorized funding level~~
9 ~~for the project for flood damage reduction, Des~~
10 ~~Moines and Raccoon Rivers, Des Moines, Iowa, au-~~
11 ~~thorized by section 1001(21) of the Water Resources~~
12 ~~Development Act of 2007 (121 Stat. 1053).~~

13 ~~(3) Modification of the project for navigation,~~
14 ~~Ouachita-Black Rivers, Arkansas and Louisiana, au-~~
15 ~~thorized by section 101 of the River and Harbor Act~~
16 ~~of 1960 (74 Stat. 481) to include water supply as~~
17 ~~an authorized purpose.~~

18 ~~(4) Modification of the project for navigation,~~
19 ~~McClellan-Kerr Arkansas River, to deepen the navi-~~
20 ~~gation channel to a minimum depth of 12 feet, as~~
21 ~~authorized under section 136 of the Energy and~~
22 ~~Water Development Appropriations Act, 2004 (117~~
23 ~~Stat. 1842).~~

24 ~~(5) Modification of the project for flood risk~~
25 ~~management and water supply, Tenkiller Ferry~~

1 Lake, Arkansas River Basin, Oklahoma, authorized
2 by section 4 of the Act of June 28, 1938 (52 Stat
3 1218, chapter 795) to modify water storage and pro-
4 vide for a sufficient quantity of water supply storage
5 space in the inactive pool storage to support the
6 fishery downstream from Tenkiller Reservoir.

7 (6) Reauthorization of the project for environ-
8 mental restoration, Muddy River, Brookline and
9 Boston, Massachusetts, authorized by section 522 of
10 the Water Resources Development Act of 2000 (114
11 Stat. 2656), and deauthorized pursuant to section
12 6001 of the Water Resources Reform and Develop-
13 ment Act of 2014 (33 U.S.C. 579b) (as in effect on
14 the day before the date of enactment of the Water
15 Infrastructure Improvements for the Nation Act
16 (130 Stat. 1690)).

17 (7) Modification of the project for flood damage
18 reduction, Muddy River, Brookline and Boston, Mas-
19 sachusetts, authorized by section 522 of the Water
20 Resources Development Act of 2000 (114 Stat.
21 2656), to provide that in the case of phase II of the
22 project, the non-Federal interest is not required to
23 pay any cost of the project above the initial esti-
24 mate.

1 (8) A feasibility study for a project for flood
2 risk management, Hoosie River, Massachusetts.

3 (9) A feasibility study for a project for aquatic
4 ecosystem restoration at the mouth of the Hood
5 River, Oregon, at the confluence of that river with
6 the Columbia River, Oregon.

7 (10) A feasibility study on resolving increased
8 silting and shoaling adjacent to, but outside of, the
9 Federal channel, experienced at the Port of Bandon,
10 Coquille River, Oregon.

11 (11) A feasibility study on increasing the fre-
12 quency and depth of dredging assistance from the
13 Corps of Engineers at the Port of Astoria, located
14 at the mouth of the Columbia River, Oregon.

15 (12) A feasibility study on modifying the
16 project for navigation, Port of Gulfport, Mississippi,
17 authorized by section 202(a) of the Water Resources
18 Development Act of 1986 (100 Stat. 4094), to deep-
19 en the navigation channel to 46 feet.

20 (13) A feasibility study to identify and evaluate
21 opportunities to reduce the risk of flooding and re-
22 store lost habitat within the Escatawpa River Basin,
23 Mississippi and Alabama.

24 (14) The project described in section
25 219(f)(231) of the Water Resources Development

1 Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121
2 Stat. 1266).

3 (15) A feasibility study for a project to design
4 and construct the Naugatuck River Greenway Trail,
5 a multiuse trail on Federal land between Torrington
6 and Derby, Connecticut.

7 (16) A feasibility study for a project for coastal
8 and flood risk management, Stratford, Connecticut.

9 (17) A feasibility study for projects for flood
10 risk management, Woodbridge, Connecticut.

11 (18) Modification of the authorized funding
12 level for the project to eliminate or control combined
13 sewer overflows, St. Louis, Missouri, authorized by
14 section 219(f)(32) of the Water Resources Develop-
15 ment Act of 1992 (106 Stat. 4835; 113 Stat. 337;
16 121 Stat. 1233).

17 (19) A feasibility study for projects for eco-
18 system restoration, Bangert Island, St. Charles, Mis-
19 souri, related to channels and aquatic habitats.

20 (20) Modification of the authorized funding
21 level for the project to carry out water related infra-
22 structure, El Paso, Texas, authorized by section
23 219(f)(269) of the Water Resources Development
24 Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121
25 Stat. 1268).

1 ~~(21)~~ Modification of the authorized funding
2 level for the South Central Pennsylvania environ-
3 mental restoration infrastructure and resource pro-
4 tection development pilot program under section ~~313~~
5 of the Water Resources Development Act of 1992
6 (~~106 Stat. 4845; 121 Stat. 1146~~).

7 ~~(22)~~ A feasibility study for dam safety improve-
8 ments, Oroville Dam, California.

9 ~~(23)~~ Modification of the authorized funding
10 level for the project for water supply, Lakes Marion
11 and Moultrie, South Carolina.

12 ~~(24)~~ An environmental infrastructure project to
13 increase hydrologic variability, Sacramento Regional
14 Water Bank, California.

15 ~~(25)~~ A study for a project for aquatic ecosystem
16 restoration and allied purposes, Blue River Water-
17 shed, Missouri and Kansas.

18 ~~(26)~~ A project for aquatic and riparian restora-
19 tion, Line Creek, Riverside, Kansas.

20 ~~(27)~~ Modification of the authorized funding
21 level for the environmental infrastructure program,
22 Central New Mexico, under section ~~593~~ of the Water
23 Resources Development Act of 1999 (~~113 Stat. 381;~~
24 ~~119 Stat. 2255~~).

1 ~~(28)~~ Modification of the authorized funding
2 level for the environmental assistance program, Ohio
3 and North Dakota, under section 594 of the Water
4 Resources Development Act of 1999 ~~(113 Stat. 383;~~
5 ~~121 Stat. 1140; 121 Stat. 1944).~~

6 ~~(29)~~ A study for a fish passage for ecological
7 restoration, Lower Alabama River, Alabama.

8 ~~(30)~~ Modification of the project for Atlantic In-
9 tracoastal Waterway Deep Creek bridge replace-
10 ment, Virginia.

11 ~~(31)~~ Modification of projects for water supply,
12 wastewater infrastructure, and environmental res-
13 toration, Virginia, authorized by section 219(f)(10)
14 of the Water Resources Development Act of 1992
15 ~~(106 Stat. 4835; 113 Stat. 335; 121 Stat. 1255).~~

16 ~~(32)~~ Modification of the project for flood risk
17 management, Red River below Denison Dam, Arkan-
18 sas, Louisiana, and Texas, for Caddo Levee District,
19 Louisiana, to incorporate the Cherokee Park Levee
20 into the project.

21 ~~(33)~~ Modification of the Mississippi River and
22 Tributaries Project authorized by the first section of
23 the Act of May 15, 1928 ~~(45 Stat. 534, chapter~~
24 ~~569)~~ to include the portion of the Ouachita River

1 Levee System at and below Monroe, Louisiana, to
2 Caldwell Parish, Louisiana.

3 (34) Modification of the project for navigation,
4 Port of Iberia, Louisiana.

5 (35) A feasibility study for flood risk manage-
6 ment and storm damage reduction in the Hocoy's
7 Basin area of the eastbank of Jefferson Parish, in-
8 cluding a study of the "pump to the river" concept.

9 (36) A feasibility study for a project for flood
10 risk management, Cataouatche Subbasin, which en-
11 compasses part of the westbank of Jefferson Parish,
12 Louisiana.

13 (37) Modification of the project for beach ero-
14 sion and hurricane protection, Grand Isle, Lou-
15 isiana, to include periodic beach nourishment.

16 (38) A feasibility study, Arkansas River Basin,
17 Oklahoma, to determine whether the purchase of ad-
18 ditional flood easements, changes in lake level man-
19 agement, additional levee infrastructure, or imple-
20 mentation of other flood risk management or con-
21 tainment mechanisms along the Arkansas River
22 Basin would benefit local communities by reducing
23 flood risks around projects of the Secretary in a
24 range of different flood scenarios.

1 ~~(39)~~ Modification of the authorized funding
2 level for critical restoration projects, Lake Cham-
3 plain watershed, Vermont and New York, authorized
4 by section 542 of the Water Resources Development
5 Act of 2000 (114 Stat. 2671; 121 Stat. 1150).

6 ~~(40)~~ Modification of the authorized funding
7 level for wastewater infrastructure, Charlotte Coun-
8 ty, Florida, authorized by section 219(f)(121) of the
9 Water Resources Development Act of 1992 (106
10 Stat. 4835; 113 Stat. 334; 121 Stat. 1261).

11 ~~(41)~~ A project to extend dredging of the South
12 Haven Harbor, Michigan, to include the former
13 Turning Basin.

14 ~~(42)~~ Modification of the project for flood risk
15 management, Upper Rouge River, Wayne County,
16 Michigan.

17 ~~(43)~~ A feasibility study for the project for flood
18 risk management, Tonto Creek, Arizona.

19 ~~(44)~~ A feasibility study for the project for flood
20 risk management, Sikorsky Airport, Bridgeport,
21 Connecticut.

22 ~~(45)~~ Modification of the authorized funding
23 level for the environmental infrastructure project,
24 Calaveras County, California, under section
25 219(f)(86) of the Water Resources Development Act

1 of 1992 (106 Stat. 4835; 113 Stat. 335; 121 Stat.
2 1259).

3 (46) Modification of the project for navigation,
4 River Rouge, Michigan.

5 (47) A feasibility study for dredge disposal
6 management activities, Port of Florence, Alabama.

7 (48) A feasibility study for the project for navi-
8 gation, Port of Oswego, New York.

9 (49) A project for repairs to the West Pier and
10 West Barrier Bar, Little Sodus Bay Harbor, Cayuga
11 County, New York.

12 (50) A project for repair of sheet pile wall and
13 east breakwater, Great Sodus Bay, New York.

14 (51) A study of the resiliency of the Allegheny
15 Reservoir, in consultation with the Seneca Nation.

16 (52) A feasibility study for potential projects
17 for the rehabilitation of the Glenn Falls Feeder
18 Canal, which begins at the Feeder Dam intersection
19 with the Hudson River in Queensbury, New York,
20 and runs to the confluence of the Old Champlain
21 Canal in Kingsbury, New York.

22 (53) A feasibility study for the rehabilitation of
23 the tainter gates and guard gate, Caughdenoy Dam,
24 New York, including an evaluation of the rehabilita-

tion work necessary to extend the service life of those structures, such as—

(A) improvements to the hydraulic efficiency of the gate systems;

(B) improvements to the concrete foundation and gate support structures; and

(C) any other improvements the Secretary determines to be necessary.

(54) Modification of the Upper Mississippi River Restoration program authorized by section 1103 of the Water Resources Development Act of 1986 (33 U.S.C. 652).

(55) The project for flood protection, Bloomington, Indiana.

(56) The project for flood protection, Gary, Indiana.

(57) Modification of the environmental infrastructure project, Athens, Tennessee, authorized by section 219(f)(254) of the Water Resources Development Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121 Stat. 1267).

(58) Modification of the environmental infrastructure project, Blaine, Tennessee, authorized by section 219(f)(255) of the Water Resources Develop-

1 ment Act of 1992 (106 Stat. 4835; 113 Stat. 335;
2 121 Stat. 1267).

3 (59) Modification of the environmental infra-
4 structure project, Claiborne County, Tennessee, au-
5 thorized by section 219(f)(256) of the Water Re-
6 sources Development Act of 1992 (106 Stat. 4835;
7 113 Stat. 335; 121 Stat. 1267).

8 (60) Modification of the environmental infra-
9 structure project, Giles County, Tennessee, author-
10 ized by section 219(f)(257) of the Water Resources
11 Development Act of 1992 (106 Stat. 4835; 113
12 Stat. 335; 121 Stat. 1267).

13 (61) Modification of the environmental infra-
14 structure project, Grainger County, Tennessee, au-
15 thorized by section 219(f)(258) of the Water Re-
16 sources Development Act of 1992 (106 Stat. 4835;
17 113 Stat. 335; 121 Stat. 1267).

18 (62) Modification of the environmental infra-
19 structure project, Hamilton County, Tennessee, au-
20 thorized by section 219(f)(259) of the Water Re-
21 sources Development Act of 1992 (106 Stat. 4835;
22 113 Stat. 335; 121 Stat. 1267).

23 (63) Modification of the environmental infra-
24 structure project, Harrogate, Tennessee, authorized
25 by section 219(f)(260) of the Water Resources De-

1 velopment Act of 1992 (106 Stat. 4835; 113 Stat.
2 335; 121 Stat. 1267).

3 (64) Modification of the environmental infra-
4 structure project, Johnson County, Tennessee, au-
5 thorized by section 219(f)(261) of the Water Re-
6 sources Development Act of 1992 (106 Stat. 4835;
7 113 Stat. 335; 121 Stat. 1267).

8 (65) Modification of the environmental infra-
9 structure project, Knoxville, Tennessee, authorized
10 by section 219(f)(262) of the Water Resources De-
11 velopment Act of 1992 (106 Stat. 4835; 113 Stat.
12 335; 121 Stat. 1267).

13 (66) Modification of the environmental infra-
14 structure project, Nashville, Tennessee, authorized
15 by section 219(f)(263) of the Water Resources De-
16 velopment Act of 1992 (106 Stat. 4835; 113 Stat.
17 335; 121 Stat. 1267).

18 (67) Modification of the environmental infra-
19 structure project, Lewis, Lawrence, and Wayne
20 Counties, Tennessee, authorized by section
21 219(f)(264) of the Water Resources Development
22 Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121
23 Stat. 1268).

24 (68) Modification of the environmental infra-
25 structure project, Oak Ridge, Tennessee, authorized

1 by section 219(f)(265) of the Water Resources De-
 2 velopment Act of 1992 (106 Stat. 4835; 113 Stat.
 3 335; 121 Stat. 1268).

4 (69) Modification of the environmental infra-
 5 structure project, Plateau Utility District, Morgan
 6 County, Tennessee, authorized by section
 7 219(f)(266) of the Water Resources Development
 8 Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121
 9 Stat. 1268).

10 (70) Extension of existing authority to the City
 11 of Sheffield, Alabama, for the Nashville District of
 12 the Corps of Engineers to replace a sewer pipe that
 13 floods when the Corps of Engineers mitigates flood-
 14 ing upstream as authorized by section 219(f)(263)
 15 of the Water Resources Development Act of 1992
 16 (106 Stat. 4835; 113 Stat. 335; 121 Stat. 1267).

17 (71) A research study to examine the causes of
 18 harmful algal blooms, such as agricultural runoff,
 19 sewer discharge, and commercial or industrial flows,
 20 and possible mitigation strategies for algal blooms in
 21 the Allegheny Reservoir Watershed, New York.

22 **SEC. 1205. RAHWAY FLOOD RISK MANAGEMENT FEASI-**
 23 **BILITY STUDY, NEW JERSEY.**

24 The Secretary shall—

1 (1) nullify the determination of the North At-
 2 lantic Division of the Corps of Engineers that fur-
 3 ther study of the feasibility study for flood risk man-
 4 agement, Rahway, New Jersey, is not warranted;

5 (2) identify an acceptable alternative to the
 6 project described in paragraph (1) that could receive
 7 Federal support; and

8 (3) expedite the completion of a feasibility
 9 study for the acceptable alternative identified under
 10 paragraph (2).

11 **SEC. 1206. ARCTIC DEEP DRAFT PORT.**

12 (a) FINDINGS.—Congress finds the following:

13 (1) The strategic importance of the Arctic con-
 14 tinues to increase as the United States and other
 15 countries recognize the economic and military sig-
 16 nificance of the sea lanes and choke points within
 17 the region and understand the potential for power
 18 projection from the Arctic into multiple regions.

19 (2) On January 19, 2018, Secretary of Defense
 20 James Mattis released the “2018 National Defense
 21 Strategy of the United States of America” in which
 22 the Secretary outlined the reemergence of long-term,
 23 strategic competition by countries such as China and
 24 Russia.

1 (3) Russia and China have conducted military
2 exercises together in the Arctic, have agreed to con-
3 nect the Northern Sea Route, claimed by Russia,
4 with the Maritime Silk Road of China, and are
5 working together in developing natural gas resources
6 in the Arctic.

7 (4) The Government of the Russian Federation
8 has prioritized the development of Arctic capabilities
9 and has made significant investments in military in-
10 frastructure in the Arctic, including the creation of
11 a new Arctic Command and the construction or re-
12 furbishment of 16 deepwater ports and 14 airfields
13 in the region.

14 (5) The Government of the People's Republic of
15 China—

16 (A) released, in January 2018, its new
17 Arctic Strategy, the Polar Silk Road, in which
18 it declares itself as a “near-Arctic state”; and

19 (B) has publicly stated that it seeks to ex-
20 pand its “Belt and Road Initiative” to the Ar-
21 ctic region, including current investment in the
22 natural gas fields in the Yamal Peninsula in
23 Russia, rare-earth element mines in Greenland,
24 and the real estate, alternative energy, and fish-
25 eries in Iceland.

1 (6) The significance of the Arctic continues to
2 grow as countries around the globe begin to under-
3 stand the magnitude of the natural resources in the
4 Arctic, including, at a minimum, oil, natural gas,
5 rare earth minerals, gold, diamonds, and abundant
6 fisheries.

7 (7) The Bering Strait is experiencing signifi-
8 cant increases in international traffic from vessels
9 transiting the Northern Sea Route, increases that
10 are projected to continue if decreases in sea ice cov-
11 erage continue.

12 (8) Increases in human, maritime, and resource
13 development activity in the Arctic region create addi-
14 tional mission requirements for Federal agencies,
15 given—

16 (A) the strategic focus of the Government
17 of the Russian Federation and the Government
18 of the People's Republic of China on the Arctic;

19 (B) overlapping territorial claims; and

20 (C) the potential for maritime accidents,
21 oil spills, and illegal fishing near the exclusive
22 economic zone of the United States.

23 (9) The increasing role of the United States in
24 the Arctic has been highlighted in each of the last
25 4 National Defense Authorization Acts.

1 (10) The United States Coast Guard Arctic
 2 Strategic Outlook released in April 2019 states that
 3 “[d]emonstrating commitment to operational pres-
 4 ence, Canada, Denmark, and Norway have made
 5 strategic investments in ice-capable patrol ships
 6 charged with national or homeland security missions.
 7 [The United States] is the only country with an Arctic
 8 presence that has not made similar investments
 9 in ice-capable surface maritime security assets. This
 10 limits the ability of the Coast Guard, and the Na-
 11 tion, to credibly uphold sovereignty or respond to
 12 contingencies in the Arctic”.

13 (11) On December 6, 2018, Secretary of the
 14 Navy Richard Spencer stated that “[w]e need to
 15 have a strategic Arctic port up in Alaska”.

16 (12) Meanwhile, the 2 closest strategic sea-
 17 ports, as designated by the Department of Defense,
 18 to the Arctic Circle are the Port of Anchorage and
 19 the Port of Tacoma, located approximately 1,500
 20 nautical miles and 2,400 nautical miles away, re-
 21 spectively, and approximately 1,900 nautical miles
 22 and 2,800 nautical miles, respectively, from Barrow,
 23 Alaska.

24 (b) DEFINITION OF ARCTIC.—In this section, the
 25 term “Arctic” has the meaning given the term in section

1 112 of the Arctic Research and Policy Act of 1984 (15
2 U.S.C. 4111).

3 (c) SENSE OF CONGRESS.—It is the sense of Con-
4 gress that—

5 (1) the Arctic is a region of strategic impor-
6 tance to the national security interests of the United
7 States;

8 (2) there is a compelling national, regional,
9 Alaska Native, and private sector need for perma-
10 nent maritime and other infrastructure development
11 and for a presence in the Arctic region by the
12 United States to support and facilitate search and
13 rescue, shipping safety, economic development, oil
14 spill prevention and response, protection of subsist-
15 ence and commercial fishing, port of refuge, Arctic
16 research, and maritime law enforcement on the Ber-
17 ing Sea, the Chukchi Sea, and the Arctic Ocean; and

18 (3) it is in the national interest to enhance ex-
19 isting and develop maritime and other infrastructure
20 in the Arctic that would allow the Coast Guard and
21 the Navy each to perform their respective statutory
22 duties and functions on a more permanent basis
23 with minimal mission interruption.

24 (d) UNITED STATES ARCTIC DEEP DRAFT PORT.—

25 The Secretary shall expedite the completion of the applica-

1 ble decision document for the project for navigation, Arctic
 2 Deep Draft Port, Nome, Alaska.

3 **SEC. 1207. NASSAU COUNTY BACK BAYS COASTAL STORM**
 4 **RISK MANAGEMENT.**

5 Section 1001(a) of the Water Resources Reform and
 6 Development Act of 2014 (33 U.S.C. 2282e(a)) shall not
 7 apply to the Nassau County Back Bays Coastal Storm Risk
 8 Management feasibility study, authorized by the first sec-
 9 tion of the Act of June 15, 1955 (69 Stat. 132, chapter
 10 140).

11 **Subtitle C—Deauthorizations,**
 12 **Modifications, and Related Pro-**
 13 **visions**

14 **SEC. 1301. DEAUTHORIZATION OF WATCH HILL COVE,**
 15 **RHODE ISLAND AND CONNECTICUT.**

16 The portion of the project for navigation, Pawcatuck
 17 River, Rhode Island and Connecticut, authorized by sec-
 18 tion 2 of the Act of March 2, 1945 (commonly known as
 19 the “River and Harbor Act of 1945”) (59 Stat. 13), con-
 20 sisting of a 10-foot deep, 16-acre anchorage area in Watch
 21 Hill Cove is no longer authorized beginning on the date
 22 of enactment of this Act.

1 **SEC. 1302. RUSH RIVER AND LOWER RUSH RIVER, NORTH**
 2 **DAKOTA.**

3 (a) IN GENERAL.—The portion of the comprehensive
 4 plan for flood control and other purposes in the Red River
 5 of the North drainage basin, North Dakota, South Da-
 6 kota, and Minnesota, authorized by section 203 of the
 7 Flood Control Act of 1948 (62 Stat. 1177) and modified
 8 by section 204 of the Flood Control Act of 1950 (64 Stat.
 9 176), consisting of clearing and rectification of the chan-
 10 nel from mile 28.3 near Amenia to the mouth of the Rush
 11 River, known as Cass County Drain No. 12, is no longer
 12 authorized beginning on the date of enactment of this Act.

13 (b) LOWER BRANCH RUSH RIVER.—The project for
 14 flood control, Lower Branch Rush River, North Dakota,
 15 carried out under section 205 of the Flood Control Act
 16 of 1948 (33 U.S.C. 701s), known as Cass County Drain
 17 No. 2, is no longer authorized beginning on the date of
 18 enactment of this Act.

19 **SEC. 1303. WILLAMETTE FALLS LOCKS, WILLAMETTE**
 20 **RIVER, OREGON.**

21 (a) IN GENERAL.—The Secretary is authorized to
 22 dispose of the project for navigation, Willamette Falls
 23 Locks, Willamette River, Oregon, authorized by the Act
 24 of June 25, 1910 (36 Stat. 664, chapter 382) (referred
 25 to in this section as the “Willamette Falls Locks project”),
 26 subject to the conditions described in this section and in

1 accordance with the report of the Director of Civil Works
 2 entitled “Willamette Falls Locks, Willamette River, Or-
 3 egon, Section 216 Disposition Study with Integrated Envi-
 4 ronmental Assessment (Study)” and dated July 11, 2019.

5 (b) REPAIRS.—Before the disposal under subsection
 6 (a), the Secretary shall carry out repairs to address pri-
 7 mary seismic and safety risks in accordance with the rec-
 8 ommendations approved in the report referred to in that
 9 subsection.

10 (c) DEAUTHORIZATION.—On the completion of the
 11 repairs under subsection (b) and the requirements under
 12 subsection (d)(5), Willamette Falls Locks project shall no
 13 longer be authorized as a Federal project.

14 (d) CONVEYANCE.—

15 (1) IN GENERAL.—Subject to the requirements
 16 of this subsection, the Secretary is authorized to
 17 convey to an entity to be named by the Willamette
 18 Falls Locks Commission or the State of Oregon, all
 19 right, title, and interest of the United States in and
 20 to any land in which the Federal Government has a
 21 property interest for the Willamette Falls Locks
 22 project, together with any improvements on the land.

23 (2) QUITCLAIM DEED.—The Secretary shall
 24 convey the property and improvements described in
 25 paragraph (1) by quitclaim deed to the transferee

1 identified under that paragraph under such terms
 2 and conditions as the Secretary determines to be ap-
 3 propriate to protect the interests of the United
 4 States, in accordance with applicable Federal and
 5 State law.

6 ~~(3)~~ APPLICABILITY OF REAL PROPERTY
 7 SCREENING REQUIREMENTS.—Section 2696 of title
 8 10, United States Code, shall not apply to the con-
 9 veyance under paragraph (1).

10 ~~(4)~~ SUBJECT TO EXISTING EASEMENTS AND
 11 OTHER INTERESTS.—The conveyance of property
 12 and improvements under paragraph (1) shall be sub-
 13 ject to all existing deed reservations, easements,
 14 rights-of-way, and leases that are in effect as of the
 15 date of the conveyance.

16 ~~(5)~~ REQUIREMENTS BEFORE CONVEYANCE.—

17 ~~(A)~~ PERPETUAL ROAD EASEMENT.—Be-
 18 fore a conveyance under paragraph (1), the
 19 Secretary shall acquire a perpetual road ease-
 20 ment from the adjacent property owner for use
 21 of the access road.

22 ~~(B)~~ ENVIRONMENTAL COMPLIANCE.—Be-
 23 fore a conveyance under paragraph (1)—

24 (i) in accordance with the real estate
 25 report in Appendix A of the report referred

to in subsection (a), the Secretary shall complete a Phase 1 Environmental Site Assessment pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9601 et seq.); and

(ii) the Secretary shall satisfy all conditions set forth in the Phase 1 Site Assessment for the Willamette Falls Locks project, including a Phase 2 Site Assessment, and any needed property restoration.

~~(C) HISTORIC PRESERVATION.~~—Before a conveyance under paragraph (1), the Secretary shall comply with obligations of the Secretary under the Memorandum of Agreement with the Oregon State Historic Preservation Office and the Advisory Council on Historic Preservation and dated September 2016.

~~(e) SAVINGS CLAUSE.~~—If the transferee under subsection (d)(1) does not accept the conveyance under that subsection, the Secretary may dispose of the land and improvements in which the Federal Government has a property interest for the Willamette Falls Locks project under subchapter III of chapter 5 of title 40, United States Code.

1 **SEC. 1304. CAMDEN HARBOR, MAINE.**

2 (a) ~~IN GENERAL.~~—The portions of the project for
3 navigation, Camden Harbor, Maine, described in sub-
4 section (b) are no longer authorized beginning on the date
5 of enactment of this Act.

6 (b) ~~PORTIONS DESCRIBED.~~—The portions referred to
7 in subsection (a) are the following:

8 (1) The portion of the 10-foot deep inner har-
9 bor area, authorized by the first section of the Act
10 of March 3, 1873 (17 Stat. 565, chapter 233), and
11 the first section of the Act of August 11, 1888 (25
12 Stat. 400, chapter 860), approximately 50,621.75
13 square feet in area—

14 (A) starting at a point with coordinates
15 N197,640.07, E837,851.71;

16 (B) thence running S84°43' 23.94"W
17 about 381.51 feet to a point with coordinates
18 N197,604.98, E837,471.82;

19 (C) thence running N43°47'51.43"W about
20 270.26 feet to a point with coordinates
21 N197,800.05, E837,284.77;

22 (D) thence running S59°02' 26.62"E
23 about 219.18 feet to a point with coordinates
24 N197,687.30, E837,472.72;

1 (E) thence running S81°50' 09.76"E about
2 144.70 feet to a point with coordinates
3 N197,666.75, E837,615.96;

4 (F) thence running N57°27' 07.42"E
5 about 317.32 feet to a point with coordinates
6 N197,866.52, E837,928.96; and

7 (G) thence running S18°50' 04.48"W
8 about 239.27 feet to the point described in sub-
9 paragraph (A).

10 (2) The portion of the 14-foot deep outer har-
11 bor area, authorized by the first section of the Act
12 of August 11, 1888 (25 Stat. 400, chapter 860),
13 and the first section of the Act of June 13, 1902
14 (32 Stat. 331, chapter 1079), approximately
15 222,015.94 square feet in area—

16 (A) starting at a point with coordinates
17 N197,640.07, E837,851.71;

18 (B) thence running N18°50'04.48"E about
19 239.27 feet to a point with coordinates
20 N197,866.53, E837,928.96;

21 (C) thence running N58°28' 51.05"E
22 about 308.48 feet to a point with coordinates
23 N198,027.79, E838,191.93;

1 (D) thence running N84°20' 01.88"E
 2 about 370.06 feet to a point with coordinates
 3 N198,064.33, E838,560.18;

4 (E) thence running S05°32' 03.42"E about
 5 357.31 feet to a point with coordinates
 6 N197,708.68, E838,594.64; and

7 (F) thence running S84°43' 23.94"W
 8 about 746.08 feet to the point described in sub-
 9 paragraph (A).

10 **SEC. 1305. DEAUTHORIZATION OF FLOOD CONTROL**
 11 **PROJECT FOR TAYLOR CREEK RESERVOIR**
 12 **AND LEVEE L-73, UPPER ST. JOHNS RIVER**
 13 **Basin, Central and Southern Florida.**

14 The portions of the project for flood control and other
 15 purposes, Central and Southern Florida, authorized by
 16 section 203 of the Flood Control Act of 1948 (62 Stat.
 17 1176), consisting of the Taylor Creek Reservoir and Levee
 18 L-73 within the Upper St. Johns River Basin, Florida,
 19 are no longer authorized beginning on the date of enact-
 20 ment of this Act.

21 **SEC. 1306. NEW LONDON HARBOR WATERFRONT CHANNEL,**
 22 **CONNECTICUT.**

23 (a) IN GENERAL.—The portion of the project for
 24 navigation, New London Harbor, Connecticut, 23-foot
 25 Waterfront Channel, authorized by the first section of the

1 Act of June 13, 1902 (32 Stat. 333, chapter 1079), de-
 2 scribed in subsection (b) is no longer authorized beginning
 3 on the date of enactment of this Act.

4 (b) AREA DESCRIBED.—The area referred to in sub-
 5 section (a) is generally the portion between and around
 6 the 2 piers at State Pier New London, specifically the
 7 area—

8 (1) beginning at a point N691263.78,
 9 E1181259.26;

10 (2) running N 35°01'50.75" W about 955.59
 11 feet to a point N692046.26, E1180710.74;

12 (3) running N 54°58'06.78" E about 100.00
 13 feet to a point N692103.66, E1180792.62;

14 (4) running S 35°01'50.75" E about 989.8 feet
 15 to a point N691293.17, E1181360.78; and

16 (5) running S 73°51'15.45" W about 105.69
 17 feet to the point described in paragraph (1).

18 **SEC. 1307. NO DEAUTHORIZATION OF CERTAIN PROJECTS.**

19 Notwithstanding any other provision of law, during
 20 the period ending on September 30, 2024, an environ-
 21 mental infrastructure assistance project or program of the
 22 Corps of Engineers shall not be deauthorized.

1 **SEC. 1308. COMPREHENSIVE EVERGLADES RESTORATION**
 2 **PLAN.**

3 Notwithstanding any other provision of law, a project
 4 or separable element of a project under the Comprehensive
 5 Everglades Restoration Plan authorized by section 601 of
 6 the Water Resources Development Act of 2000 (114 Stat.
 7 2680) shall not be deauthorized prior to December 31,
 8 2030.

9 **Subtitle D—Water Resources**
 10 **Infrastructure**

11 **SEC. 1401. PROJECT AUTHORIZATIONS.**

12 The following projects for water resources develop-
 13 ment and conservation and other purposes, as identified
 14 in the report entitled “Report to Congress on Future
 15 Water Resources Development” submitted to Congress on
 16 or after June 3, 2019, pursuant to section 7001 of the
 17 Water Resources Reform and Development Act of 2014
 18 (33 U.S.C. 2282d) or otherwise reviewed by Congress, are
 19 authorized to be carried out by the Secretary substantially
 20 in accordance with the plans, and subject to the condi-
 21 tions, described in the respective reports designated in this
 22 section:

23 (1) **ECOSYSTEM RESTORATION.**—

A. State	B. Name	C. Date of Report of Chief of Engineers or Director of Civil Works	D. Estimated Costs
1. MD	Anacostia River, Prince George's County	December 19, 2018	Federal: \$23,171,000 Non-Federal: \$12,476,000 Total: \$35,647,000
2. IL	Great Lakes and Mississippi River Interbasin Study—Brandon Road, Will County	May 23, 2019	Federal: \$647,478,000 Non-Federal: \$215,826,000 Total: \$863,304,000
3. CO	South Platte River and Tributaries, Adams and Denver Counties	July 29, 2019	Federal: \$334,412,000 Non-Federal: \$200,406,000 Total: \$534,818,000
4. MO	St. Louis Riverfront—Meramec River Basin	November 1, 2019	Federal: \$60,124,000 Non-Federal: \$32,375,000 Total: \$92,499,000
5. CA	Delta Islands and Levees	December 18, 2018	Federal: \$16,746,395 Non-Federal: \$9,016,736 Total: \$25,763,131
6. CA	Yuba River	June 20, 2019	Federal: \$65,014,326 Non-Federal: \$35,008,268 Total: \$100,022,594
7. NM	Sandia Pueblo to Isleta Pueblo	August 5, 2019	Federal: \$16,163,000 Non-Federal: \$8,703,000 Total: \$24,866,000
8. TX	Jefferson County	September 12, 2019	Federal: \$37,615,000 Non-Federal: \$20,254,000 Total: \$57,869,000
9. FL	Loxahatchee River Watershed	April 8, 2020	Federal: \$372,232,000 Non-Federal: \$368,528,000 Total: \$740,760,000

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. ND	Souris River Basin, Bottineau, McHenry, Renville, and Ward Counties	April 16, 2019	Federal: \$58,041,750 Non-Federal: \$31,253,250 Total: \$89,295,000
2. AZ	Little Colorado River at Wins- low, Navajo County	December 14, 2018	Federal: \$52,462,000 Non-Federal: \$28,249,000 Total: \$80,711,000
3. NM	Middle Rio Grande floor protection, Bernalillo to Belen, New Mexico, at Al- buquerque, New Mexico	March 13, 2020	Federal: \$190,538,000 Non-Federal: \$102,598,000 Total: \$293,136,000
4. OK	Tulsa and West Tulsa Levee System	April 23, 2020	Federal: \$86,780,000 Non-Federal: \$46,728,000 Total: \$133,508,000

1 (3) HURRICANE AND STORM DAMAGE RISK RE-
2 DUCTION.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. NY	East Rockaway Inlet to Rock- away Inlet and Jamaica Bay Reformulation, Atlantic Coast	August 22, 2019	Federal: \$793,966,000 Non-Federal: \$189,763,000 Total: \$983,729,000
2. RI	Pawcatuck River	December 19, 2018	Federal: \$37,848,000 Non-Federal: \$20,379,000 Total: \$58,227,000

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
3. VA	Norfolk Coastal Storm Risk Management	February 5, 2019	Federal: \$909,040,000 Non-Federal: \$489,480,000 Total: \$1,398,520,000
4. NY	Hashamomuck Cove	December 9, 2019	Initial Federal: \$11,549,000 Initial Non-Federal: \$6,218,000 Initial Total: \$17,767,000 Renourishment Federal: \$23,481,500 Renourishment Non-Federal: \$23,481,500 Renourishment Total: \$46,963,000
5. DE	Delaware River Dredged Mate- rial Utilization	March 6, 2020	Initial Federal: \$53,220,000 Initial Non-Federal: \$28,660,000 Initial Total: \$81,880,000 Renourishment Federal: \$116,380,000 Renourishment Non-Federal: \$116,380,000 Renourishment Total: \$232,760,000

1 (4) NAVIGATION.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. AK	Unalaska, Dutch Harbor Chan- nels	February 7, 2020	Federal: \$26,202,750 Non-Federal: \$8,734,000 Total: \$34,937,000
2. TX	Gulf Intra-coastal Waterway, Brazos River Floodgates and Colorado River Locks	October 23, 2019	Total: \$409,777,000 (to be derived 65 percent from the general fund of the Treasury and 35 percent from the Inland Water- ways Trust Fund)

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
3. TX	Matagorda Ship Channel Im- provement Project, Port Lavaca	November 15, 2019	Federal: \$138,660,000 Non-Federal: \$79,664,000 Total: \$218,324,000
4. TX	Houston Ship Channel Expan- sion Improve- ment Project	April 23, 2020	Federal: \$462,803,000 Non-Federal: \$414,045,000 Total: \$876,848,000
5. NY, NJ	New York and New Jersey Harbor Anchor- ages	April 23, 2020	Federal: \$18,940,000 Non-Federal: \$6,310,000 Total: \$25,250,000

1 ~~(5) COASTAL STORM RISK MANAGEMENT.—~~

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. NJ, PA	New Jersey Dredged Mate- rial Utilization, Delaware River	April 8, 2020	Federal: \$162,920,000 Non-Federal: \$125,640,000 Total: \$288,560,000

2 **SEC. 1402. EXPEDITED COMPLETION OF CERTAIN**
3 **PROJECTS.**

4 The Secretary shall provide priority funding for and
5 expedite the completion of the following projects:

6 (1) The project for ecosystem restoration, Caño
7 Martín Peña, Puerto Rico, as authorized by section
8 5127 of the Water Resources Development Act of
9 2007 (121 Stat. 1242).

1 (2) The project for navigation for Portsmouth
2 Harbor and the Piscataqua River, Maine and New
3 Hampshire, authorized by section 101 of the River
4 and Harbor Act of 1962 (76 Stat. 1173).

5 (3) The project for flood risk management, Rio
6 de Flag, Arizona.

7 (4) The project for flood risk management,
8 East Hartford Levee System, Connecticut.

9 (5) The project for flood risk management,
10 Hartford Levee System, Connecticut.

11 (6) The project for navigation, Guilford Harbor
12 and Sluice Channel, Connecticut.

13 (7) Phase 5 of the Bluestone Dam Project Re-
14 mediation, West Virginia.

15 (8) The project for water supply and ecosystem
16 restoration, Howard Hanson Dam, Washington, au-
17 thorized by section 101(b)(15) of the Water Re-
18 sources Development Act of 1999 (113 Stat. 281).

19 (9) The project for ecosystem restoration,
20 Puget Sound, Washington, authorized by section
21 209 of the Flood Control Act of 1962 (76 Stat.
22 1197).

23 (10) The project for navigation, Tacoma Har-
24 bor, Washington.

1 (11) The project for water storage, Halligan
2 Dam, Colorado.

3 (12) The project for construction of tribal hous-
4 ing authorized by title IV of Public Law 100-581
5 (102 Stat. 2944).

6 (13) The replacement of the Bourne and Saga-
7 more Bridges, Cape Cod, Massachusetts.

8 **SEC. 1403. ADDITIONAL PROJECT AUTHORIZATIONS.**

9 The following projects for water resources develop-
10 ment and conservation and other purposes are authorized
11 to be carried out by the Secretary as recommended in the
12 respective reports, designated in this section, that were
13 prepared by non-Federal interests under section 203 of
14 the Water Resources Development Act of 1986 (33 U.S.C.
15 2231), with such modifications as the Secretary deter-
16 mines advisable, subject to preparation of a report by the
17 Secretary to address the concerns, recommendations, and
18 conditions, if any, identified by the Secretary in the review
19 assessments designated in this section:

20 (1) COASTAL STORM RISK MANAGEMENT.—

A. State	B. Name	C. Date of Report	D. Date of Review As- sessment
1. FL	St. Lucie County, Fort Pierce Shore Protec- tion	June 2018	July 2018

21 (2) NAVIGATION.—

A. State	B. Name	C. Date of Report	D. Date of Review As- sessment
1. LA	Houma Naviga- tion Canal Deepening	June 2018	July 2018
2. LA	Baptiste-Collette Bayou Naviga- tion Channel Deepening	January 2017, amended April 2018	June 2018

1 ~~(3) FLOOD RISK MANAGEMENT.—~~

A. State	B. Name	C. Date of Report	D. Date of Review As- sessment
1. TX	Chacon Creek	August 2018	September 2018

2 **Subtitle E—Water Supply and**
3 **Storage**

4 ~~SEC. 1501. SMALL WATER STORAGE PROJECTS.~~

5 ~~(a) IN GENERAL.—~~The Secretary shall carry out a
6 program to study and construct new, or enlarge existing,
7 small water storage projects in rural States, in partnership
8 with a non-Federal interest.

9 ~~(b) REQUIREMENTS.—~~To be eligible to participate in
10 the program under this section, a water storage project
11 shall—

12 ~~(1)~~ be located in a State with a population of
13 less than 1,000,000;

14 ~~(2)(A)~~ in the case of a new water storage
15 project, have a water storage capacity of not less

1 than 2,000 acre-feet and not more than 30,000 acre-
2 feet; and

3 ~~(B)~~ in the case of an enlargement of an existing
4 water storage project, be for an enlargement of not
5 less than 1,000 acre-feet and not more than 30,000
6 acre-feet;

7 ~~(3)~~ provide—

8 (A) flood risk management benefits; or

9 (B) ecological benefits; and

10 ~~(4)~~ be economically justified, environmentally
11 acceptable, and technically feasible.

12 ~~(c) EXPEDITED PROJECTS.~~—For the 10-year period
13 beginning on the date of enactment of this Act, the Sec-
14 retary shall expedite projects under this section for which
15 applicable Federal permitting requirements have been
16 completed.

17 ~~(d) USE OF DATA.~~—

18 ~~(1) IN GENERAL.~~—In conducting a study under
19 this section, to the maximum extent practicable, the
20 Secretary shall use any applicable hydrologic, eco-
21 nomic, or environmental data from State water plans
22 or other State planning documents relating to water
23 resources management.

24 ~~(2) USE OF EXISTING MATERIALS.~~—

1 (A) STUDIES.—On the agreement of the
2 Secretary and the non-Federal interest, the Sec-
3 retary may use any applicable existing studies
4 of the non-Federal interest.

5 (B) FEDERAL PERMITTING.—The Sec-
6 retary may use Federal permitting that has
7 been completed by other Federal agencies for
8 the purpose of determining project eligibility
9 with respect to the requirements described in
10 subsection (b)(4).

11 (e) COST-SHARE.—

12 (1) STUDY.—The Federal share of the cost of
13 a study conducted under this section shall be 75 per-
14 cent.

15 (2) CONSTRUCTION.—The Federal share of the
16 cost of a project constructed under this section shall
17 be 80 percent.

18 (f) OMRRR RESPONSIBILITY.—The costs of oper-
19 ation, maintenance, repair, replacement, and rehabilita-
20 tion for a project constructed under this section shall be
21 the responsibility of the non-Federal interest.

22 (g) INDIVIDUAL PROJECT LIMIT.—Not more than
23 \$65,000,000 in Federal funds may be made available to
24 a project under this section.

1 (h) AUTHORIZATION OF APPROPRIATIONS.—There is
 2 authorized to be appropriated to carry out this section
 3 \$130,000,000 for each fiscal year.

4 **SEC. 1502. MISSOURI RIVER RESERVOIR SEDIMENT MAN-**
 5 **AGEMENT.**

6 Section 1179(a) of the Water Infrastructure Im-
 7 provements for the Nation Act (130 Stat. 1675; 132 Stat.
 8 3782) is amended—

9 (1) in paragraph (3)—

10 (A) in subparagraph (B), by inserting
 11 “project purposes, including” before “storage
 12 capacity”; and

13 (B) in subparagraph (C), by striking “pre-
 14 liminary”;

15 (2) by striking paragraph (9);

16 (3) by redesignating paragraphs (4) through
 17 (8) as paragraphs (6) through (10), respectively;
 18 and

19 (4) by inserting after paragraph (3) the fol-
 20 lowing:

21 “(4) JUSTIFICATION.—In determining the eco-
 22 nomic justification of a sediment management plan
 23 under paragraph (2), the Secretary shall—

24 “(A) measure and include flooding, ero-
 25 sion, and accretion damages both upstream and

1 downstream of the reservoir that are likely to
 2 occur as a result of sediment management with-
 3 in the reservoir compared to the damages that
 4 are likely to occur if the sediment management
 5 plan is not implemented; and

6 “(B) include lifecycle costs and a 100-year
 7 period of analysis.”

8 “(5) IMPLEMENTATION.—As part of a sediment
 9 management plan under paragraph (2), the Sec-
 10 retary may carry out sediment removal activities at
 11 reservoirs owned and operated by the Secretary in
 12 the Upper Missouri River Basin, or at reservoirs for
 13 which the Secretary has flood control responsibilities
 14 under section 7 of the Act of December 22, 1944
 15 (commonly known as the ‘Flood Control Act of
 16 1944’) (58 Stat. 890, chapter 665; 33 U.S.C. 709),
 17 in the Upper Missouri River Basin, in accordance
 18 with section 602 of the Water Resources Develop-
 19 ment Act of 1986 (100 Stat. 4148; 121 Stat. 1076)
 20 as if those reservoirs were listed in subsection (a) of
 21 that section.”

22 **SEC. 1503. PLANNING ASSISTANCE FOR STATES.**

23 The Secretary shall ensure that the planning assist-
 24 ance for States program under section 22 of the Water
 25 Resources Development Act of 1974 (42 U.S.C. 1962d—

1 16) provides equal priority for all authorized purposes, in-
 2 cluding water supply and water conservation.

3 **SEC. 1504. FORECAST-INFORMED RESERVOIR OPERATIONS.**

4 (a) **WORKING GROUP.**—

5 (1) **IN GENERAL.**—Not later than 180 days
 6 after the date of enactment of this Act, the Sec-
 7 retary, in conjunction with the Commissioner of Rec-
 8 lamation, shall establish a working group to advance
 9 the science to support forecast-informed reservoir
 10 operations in the Upper Missouri River Basin.

11 (2) **MEMBERS.**—The working group established
 12 under paragraph (1) shall be composed of—

13 (A) the Secretary;

14 (B) the Commissioner of Reclamation;

15 (C) the Director of the United States Geo-
 16 logical Survey;

17 (D) the Administrator of the National Oee-
 18 anic and Atmospheric Administration; and

19 (E) representatives of affected State and
 20 local agencies.

21 (3) **DUTIES.**—The working group established
 22 under paragraph (1) shall develop recommendations
 23 to implement the use of forecast-informed reservoir
 24 operations in the Upper Missouri River Basin and

1 submit to Congress a report on the findings and rec-
 2 ommendations of the working group.

3 ~~(b) VIABILITY ASSESSMENTS.—~~

4 ~~(1) IN GENERAL.—~~On request of a non-Federal
 5 interest, the Secretary, the Commissioner of Rec-
 6 lamation, and the non-Federal interest shall jointly
 7 conduct a viability assessment on the use of fore-
 8 cast-informed reservoir operations at a reservoir—

9 ~~(A) that is located within the Upper Mis-~~
 10 ~~souri River Basin; and~~

11 ~~(B) for which the Secretary has flood con-~~
 12 ~~trol responsibilities under section 7 of the Act~~
 13 ~~of December 22, 1944 (commonly known as the~~
 14 ~~“Flood Control Act of 1944”) (58 Stat. 890,~~
 15 ~~chapter 665; 33 U.S.C. 709).~~

16 ~~(2) COMPLETION DATE.—~~To the maximum ex-
 17 tent practicable, a viability assessment under para-
 18 graph ~~(1)~~ shall be completed by not later than 1
 19 year after the date on which the viability assessment
 20 begins.

21 ~~(3) FEDERAL SHARE.—~~The Federal share of
 22 the cost of a viability assessment under paragraph
 23 ~~(1)~~ shall be 100 percent.

24 ~~(c) PLAN FOR TEMPORARY DEVIATION.—~~If a viabil-
 25 ity assessment conducted under subsection ~~(b)(1)~~ indi-

1 cates that forecast-informed reservoir operations are via-
 2 ble at a reservoir described in that subsection, the Sec-
 3 retary and the Commissioner of Reclamation shall develop
 4 and implement a pilot program to carry out forecast-in-
 5 formed reservoir operations at that reservoir.

6 **SEC. 1505. STUDY ON DATA FOR WATER ALLOCATION, SUP-**
 7 **PLY, AND DEMAND.**

8 (a) IN GENERAL.—The Secretary shall offer to enter
 9 into an agreement with the National Academy of Sciences
 10 to conduct a study on the ability of Federal agencies to
 11 coordinate with other Federal agencies, State and local
 12 agencies, communities, universities, consortiums, councils,
 13 and other relevant entities with expertise in water re-
 14 sources to facilitate and coordinate the sharing of water
 15 allocation, supply, and demand data, including—

- 16 (1) any catalogs of data;
- 17 (2) definitions of any commonly used terms re-
- 18 lating to water allocation, supply, and demand; and
- 19 (3) a description of any common standards
- 20 used by those entities.

21 (b) REPORT.—If the National Academy of Sciences
 22 enters into the agreement under subsection (a), to the
 23 maximum extent practicable, not later than 1 year after
 24 the date of enactment of this Act, the National Academy

1 of Sciences shall submit to Congress a report that in-
2 cludes—

3 ~~(1) the results of the study under subsection~~
4 ~~(a);~~

5 ~~(2) recommendations for ways to streamline~~
6 ~~and make cost-effective methods for Federal agen-~~
7 ~~cies to coordinate interstate sharing of data, includ-~~
8 ~~ing recommendations for the development of a pub-~~
9 ~~licly accessible, internet-based platform that can~~
10 ~~allow entities described in subsection (a) to commu-~~
11 ~~nicate and coordinate ongoing data collection efforts~~
12 ~~relating to water allocation, supply, and demand,~~
13 ~~and share best practices relating to those efforts;~~
14 ~~and~~

15 ~~(3) a recommendation as to an appropriate~~
16 ~~Federal entity that should—~~

17 ~~(A) serve as the lead coordinator for data~~
18 ~~relating to water allocation, supply, and de-~~
19 ~~mand; and~~

20 ~~(B) host and manage the internet-based~~
21 ~~platform described in paragraph (2).~~

22 ~~(c) FUNDING.—Out of funds made available to the~~
23 ~~Secretary for operations and maintenance activities of the~~
24 ~~Corps of Engineers that are not otherwise obligated, the~~
25 ~~Secretary may use to carry out this section \$3,900,000.~~

1 **SEC. 1506. GAO REPORT ON CERTAIN FEDERAL DAMS AND**
2 **RESERVOIRS.**

3 Not later than 1 year after the date of enactment
4 of this Act, the Comptroller General of the United States
5 shall submit to Congress a report that includes—

6 (1) with respect to each Federal dam and res-
7 ervoir in the United States located west of the 100th
8 meridian—

9 (A) an identification of the water control
10 manuals that were changed or updated by the
11 Corps of Engineers during the previous 10
12 years; and

13 (B) an identification of any water storage
14 reallocations approved by the Corps of Engi-
15 neers during the previous 10 years;

16 (2) a summary of the process and policies used
17 by the Corps of Engineers to establish and update
18 flood control curves within water control manuals at
19 the Federal dams and reservoirs described in para-
20 graph (1); and

21 (3) recommendations for changes to the process
22 and policies referred to in paragraph (2) to allow for
23 increased water storage at the Federal dams and
24 reservoirs described in paragraph (1).

1 **SEC. 1507. AQUATIC ECOSYSTEM RESTORATION.**

2 Section 206 of the Water Resources Development Act
3 of 1996 (~~33~~ U.S.C. ~~2230~~) is amended—

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

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

8 “(f) **PRIORITY.**—For the period of fiscal years 2021
9 through 2024, in carrying out this section, the Secretary
10 shall give priority to a project that—

11 “(1) is located in the South Platte River Basin;

12 “(2) is on a body of water that is identified by
13 the applicable State under section ~~303~~(d) of the
14 Federal Water Pollution Control Act (~~33~~ U.S.C.
15 ~~1313~~(d)) as being impaired;

16 “(3) has the potential to provide flood risk
17 management and recreational benefits in addition to
18 ecosystem restoration benefits; and

19 “(4) is located in a city with a population of
20 80,000 or less.”.

21 **SEC. 1508. IMPROVING REVIEWS FOR NON-FEDERAL HY-**
22 **DROPOWER AT EXISTING CORPS OF ENGI-**
23 **NEERS PROJECTS.**

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

25 (1) **COMMISSION.**—The term “Commission”
26 means the Federal Energy Regulatory Commission.

1 (2) ENVIRONMENTAL REVIEW PROCESS.—The
 2 term “environmental review process” means the
 3 process of preparing an environmental impact state-
 4 ment or environmental assessment under the Na-
 5 tional Environmental Policy Act of 1969 (42 U.S.C.
 6 4321 et seq.).

7 (3) LICENSING APPLICATION.—

8 (A) IN GENERAL.—The term “licensing
 9 application” means the process of seeking a li-
 10 cense from the Commission to construct or op-
 11 erate a hydropower facility at a qualifying facil-
 12 ity.

13 (B) INCLUSION.—The term “licensing ap-
 14 plication” includes any preclicensing coordina-
 15 tion conducted with the Commission prior to
 16 submission of a formal application.

17 (4) MEMORANDUM OF UNDERSTANDING.—The
 18 term “Memorandum of Understanding” means the
 19 Memorandum of Understanding between the Corps
 20 of Engineers and the Commission on Non-Federal
 21 Hydropower Projects, signed in July 2016.

22 (5) QUALIFYING FACILITY.—The term “quali-
 23 fying facility” means any dam, dike, embankment,
 24 or other barrier—

1 (A) the construction of which was com-
2 pleted on or before the date of enactment of
3 this section; and

4 (B) that is operated, owned, or constructed
5 by the Corps of Engineers.

6 (b) ~~APPLICABILITY.~~—This section shall apply to each
7 licensing application for a qualifying facility—

8 (1) for which prelicensing coordination de-
9 scribed in subsection (a)(3)(B) is initiated on or
10 after the date of enactment of this section; or

11 (2) that is submitted on or after the date of en-
12 actment of this section.

13 (c) ~~ENVIRONMENTAL REVIEW PROCESS.~~—

14 (1) ~~IN GENERAL.~~—Except as provided under
15 paragraph (2) and consistent with the Memorandum
16 of Understanding, the Commission and the Sec-
17 retary shall develop and implement an environmental
18 review process for a licensing application at a quali-
19 fying facility, which shall include conducting the
20 Commission prelicensing process concurrently with
21 the process of preparing an environmental impact
22 statement or environmental assessment under the
23 jurisdiction of the Secretary that may be required to
24 construct or operate a hydropower facility at a quali-
25 fying facility.

1 (2) EXCEPTION.—The environmental review
2 process shall not include a licensing application in
3 which the proposed activity qualifies for a general
4 permit under section 10 of the Act of March 3, 1899
5 (commonly known as the “Rivers and Harbors Act
6 of 1899”) (30 Stat. 1151, chapter 425; 33 U.S.C.
7 403) or section 404 of the Federal Water Pollution
8 Control Act (33 U.S.C. 1344) or categorical permis-
9 sion under section 14 of the Act of March 3, 1899
10 (commonly known as the “Rivers and Harbors Act
11 of 1899”) (30 Stat. 1152, chapter 425; 33 U.S.C.
12 408).

13 (3) LENGTH OF PROCESS.—To the maximum
14 extent practicable, and without affecting the obliga-
15 tions or requirements of any Federal environmental
16 law, including the National Environmental Policy
17 Act of 1969 (42 U.S.C. 4321 et seq.), the Federal
18 Water Pollution Control Act (33 U.S.C. 1251 et
19 seq.), and the Endangered Species Act of 1973 (16
20 U.S.C. 1531 et seq.), the Commission and the Sec-
21 retary shall ensure that the environmental review
22 process described in paragraph (1) is completed in
23 a timely manner so that the Commission is able to
24 make a final decision on an application for a license
25 by not later than 2 years after the date on which the

1 Commission receives a completed licensing applica-
2 tion.

3 (4) PURPOSE AND NEED.—Notwithstanding the
4 authority of the Secretary in determining overall
5 project purposes under part 230 of title 33, Code of
6 Federal Regulations (or successor regulations), the
7 Secretary, consistent with the Memorandum of Un-
8 derstanding, shall coordinate with the Commission
9 to define the purpose and need for an environmental
10 impact statement or environmental assessment as
11 part of the environmental review process described
12 in paragraph (1).

13 (d) CERTIFICATION.—No hydropower facility planned
14 under this section shall be approved by the Commission
15 or the Secretary unless the Secretary certifies in writing
16 that the proposed hydropower facility will not adversely
17 affect or undermine—

18 (1) the structural integrity of the qualifying fa-
19 cility; and

20 (2) the ability of the qualifying facility—

21 (A) to achieve the congressionally author-
22 ized purposes of the facility; and

23 (B) to comply with applicable laws and
24 policies, including the national water resources
25 planning policy under section 2031(a) of the

1 Water Resources Development Act of 2007 (42
2 U.S.C. 1962–3(a)).

3 ~~(c) SAVINGS CLAUSE.—~~Nothing in this section waives
4 or affects the obligations or requirements of any Federal
5 environmental laws, including—

6 ~~(1) the National Environmental Policy Act of~~
7 ~~1969 (42 U.S.C. 4321 et seq.);~~

8 ~~(2) the Federal Water Pollution Control Act~~
9 ~~(33 U.S.C. 1251 et seq.); and~~

10 ~~(3) the Endangered Species Act of 1973 (16~~
11 ~~U.S.C. 1531 et seq.).~~

12 **SEC. 1509. SURPLUS WATER CONTRACTS AND WATER STOR-**
13 **AGE AGREEMENTS.**

14 Section 1046(e) of the Water Resources Reform and
15 Development Act of 2014 (128 Stat. 1254; 132 Stat.
16 3784) is amended—

17 ~~(1) by striking paragraph (3); and~~

18 ~~(2) by redesignating paragraph (4) as para-~~
19 ~~graph (3).~~

20 **SEC. 1510. REDUCED PRICING FOR CERTAIN WATER SUP-**
21 **PLY STORAGE.**

22 Section 322 of the Water Resources Development Act
23 of 1990 (33 U.S.C. 2324) is amended—

24 ~~(1) in subsection (b), by striking “2,000,000”~~
25 ~~and inserting “3,000,000”; and~~

1 (2) in subsection (g)—

2 (A) by striking the period at the end and
3 inserting “; or”;

4 (B) by striking “means a community” and
5 inserting the following: “means—
6 “(1) a community”; and

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

8 “(2) a regional water system that serves a pop-
9 ulation of less than 100,000, for which the per cap-
10 ita income is less than the per capita income of not
11 less than 50 percent of the counties in the United
12 States.”.

13 **Subtitle F—Invasive Species**

14 **SEC. 1601. DEFINITION OF INVASIVE SPECIES.**

15 In this subtitle, the term “invasive species” has the
16 meaning given the term in section 1 of Executive Order
17 13112 (64 Fed. Reg. 6183; relating to invasive species
18 (February 8, 1999)) (as amended by section 2 of Execu-
19 tive Order 13751 (81 Fed. Reg. 88609; relating to safe-
20 guarding the Nation from the impacts of invasive species
21 (December 5, 2016))).

22 **SEC. 1602. INVASIVE SPECIES IN IMPAIRED WATERS.**

23 (a) IN GENERAL.—The Administrator of the Envi-
24 ronmental Protection Agency (referred to in this section
25 as the “Administrator”) may provide technical assistance

1 to support efforts to eradicate invasive species from water-
 2 ways of the United States to—

- 3 (1) States;
- 4 (2) Indian Tribes; and
- 5 (3) units of local government.

6 (b) ~~NO COST.~~—The technical assistance under sub-
 7 section (a) shall be provided at no cost to the entities de-
 8 scribed in that subsection.

9 (c) ~~PRIORITIZATION.~~—In selecting efforts to which to
 10 provide technical assistance under subsection (a), the Ad-
 11 ministrator shall give priority to those efforts that target
 12 an invasive species in a waterway that is identified by the
 13 applicable State under subparagraph (A) or (B) of section
 14 303(d)(1) of the Federal Water Pollution Control Act (33
 15 U.S.C. 1313(d)(1)).

16 (d) ~~AUTHORIZATION OF APPROPRIATIONS.~~—There is
 17 authorized to be appropriated to carry out this section
 18 \$10,000,000, to remain available until expended.

19 **SEC. 1603. AQUATIC INVASIVE SPECIES RESEARCH.**

20 Section 1108 of the America’s Water Infrastructure
 21 Act of 2018 (33 U.S.C. 2263a) is amended—

- 22 (1) in subsection (a)—
- 23 (A) by striking “management” and insert-
- 24 ing “prevention, management,”; and

1 (B) by inserting “, elodea, quagga mus-

2 sels,” after “Asian carp”; and

3 (2) in subsection (b)—

4 (A) by inserting “or could be impacted in

5 the future” after “impacted”; and

6 (B) by inserting “Arctic,” after “Pacific.”

7 **SEC. 1604. INVASIVE SPECIES MITIGATION AND REDUC-**

8 **TION.**

9 Section 104 of the River and Harbor Act of 1958

10 (~~33~~ U.S.C. 610) is amended—

11 (1) in subsection (b)—

12 (A) in paragraph (1)—

13 (i) in the matter preceding subpara-

14 graph (A), by striking “this section

15 \$110,000,000” and inserting “this section

16 (except for subsections (f) and (g))

17 \$120,000,000”;

18 (ii) in subparagraph (B), by striking

19 “and” at the end;

20 (iii) in subparagraph (C), by striking

21 the period at the end and inserting “;

22 and”; and

23 (iv) by adding at the end the fol-

24 lowing:

1 “(D) \$10,000,000 shall be made available
2 to carry out subsection (d)(1)(A)(iv).”;

3 (B) by redesignating paragraph (2) as
4 paragraph (3);

5 (C) by inserting after paragraph (1) the
6 following:

7 “(2) OTHER PROGRAMS.—

8 “(A) IN GENERAL.—There are authorized
9 to be appropriated—

10 “(i) \$10,000,000 for each of fiscal
11 years 2021 through 2024 to carry out sub-
12 section (f); and

13 “(ii) \$50,000,000 for each of fiscal
14 years 2021 through 2024 to carry out sub-
15 section (g)(2).

16 “(B) INVASIVE PLANT SPECIES PILOT PRO-
17 GRAM.—There is authorized to be appropriated
18 to the Secretary of the Interior, acting through
19 the Director of the United States Fish and
20 Wildlife Service, \$10,000,000 to carry out sub-
21 section (g)(3).”;

22 (D) in paragraph (3) (as so redesignated);
23 by inserting “or (2)(A)” after “paragraph (1)”;
24 (2) in subsection (d)—

1 (A) in the subsection heading, by inserting
 2 “AND DECONTAMINATION” after “INSPEC-
 3 TION”;

4 (B) in paragraph (1)—

5 (i) in subparagraph (A)—

6 (I) in the subparagraph heading,
 7 by inserting “AND DECONTAMINA-
 8 TION” after “INSPECTION”;

9 (II) in clause (ii), by striking
 10 “and” at the end;

11 (III) in clause (iii), by striking
 12 the period at the end and inserting “;
 13 and”;

14 (IV) by adding at the end the fol-
 15 lowing:

16 “(iv) to protect basins and watersheds
 17 that adjoin an international border be-
 18 tween the United States and Canada.”;
 19 and

20 (ii) by striking subparagraph (B) and
 21 inserting the following:

22 “(B) LOCATIONS.—The Secretary shall
 23 place watercraft inspection and decontamination
 24 stations under subparagraph (A) at locations
 25 with the highest likelihood of preventing the

spread of aquatic invasive species into and out of waters of the United States, as determined by the Secretary in consultation with the Governors and entities described in paragraph (3).”;

(C) in paragraph (3)(A), by striking “(iii)” and inserting “(iv)”; and

(D) by striking “watercraft inspection stations” each place it appears and inserting “watercraft inspection and decontamination stations”; and

(3) by adding at the end the following:

“(f) INVASIVE SPECIES MANAGEMENT PILOT PROGRAM.—

“(1) DEFINITION OF INVASIVE SPECIES.—In this subsection, the term ‘invasive species’ has the meaning given the term in section 1 of Executive Order 13112 (64 Fed. Reg. 6183; relating to invasive species (February 8, 1999)) (as amended by section 2 of Executive Order 13751 (81 Fed. Reg. 88609; relating to safeguarding the Nation from the impacts of invasive species (December 5, 2016))).

“(2) DEVELOPMENT OF PLANS.—The Secretary shall carry out a pilot program under which the Secretary shall collaborate with States in the Upper

1 Missouri River Basin in developing voluntary aquatic
2 invasive species management plans to mitigate the
3 effects of invasive species on public infrastructure
4 facilities located on reservoirs of the Corps of Engi-
5 neers in those States:

6 ~~“(3) MANAGEMENT PLAN.—~~

7 ~~“(A) IN GENERAL.—~~The Secretary, in con-
8 sultation with the Governor of each State in the
9 Upper Missouri River Basin that elects to par-
10 ticipate in the pilot program, shall prepare a
11 management plan for each participating State
12 that identifies public infrastructure facilities lo-
13 cated on reservoirs of the Corps of Engineers in
14 those States that—

15 ~~“(i) are affected by aquatic invasive~~
16 ~~species; and~~

17 ~~“(ii) need financial and technical as-~~
18 ~~sistance in order to maintain operations.~~

19 ~~“(B) USE OF EXISTING PLANS.—~~In devel-
20 oping a management plan under subparagraph
21 (A), the Secretary shall consider a management
22 plan submitted by a participating State under
23 section 1204(a) of the Nonindigenous Aquatic
24 Nuisance Prevention and Control Act of 1990
25 (16 U.S.C. 4724(a)).

1 “(4) TERMINATION OF AUTHORITY.—The au-
 2 thority provided under this subsection shall termi-
 3 nate on September 30, 2024.

4 “(g) INVASIVE SPECIES PREVENTION AND REDUC-
 5 TION.—

6 “(1) DEFINITION OF INVASIVE SPECIES.—In
 7 this subsection, the term ‘invasive species’ has the
 8 meaning given the term in section 1 of Executive
 9 Order 13112 (64 Fed. Reg. 6183; relating to
 10 invasive species (February 8, 1999)) (as amended by
 11 section 2 of Executive Order 13751 (81 Fed. Reg.
 12 88609; relating to safeguarding the Nation from the
 13 impacts of invasive species (December 5, 2016))).

14 “(2) INVASIVE SPECIES PARTNERSHIPS.—

15 “(A) IN GENERAL.—The Secretary may
 16 enter into partnerships with applicable States
 17 and other Federal agencies to carry out actions
 18 to reduce, to the maximum extent practicable,
 19 invasive species that adversely impact water
 20 quantity or water quality in the Platte River
 21 Basin, the Upper Colorado River Basin, the
 22 Upper Snake River Basin, and the Upper Mis-
 23 souri River Basin.

24 “(B) PRIORITIZATION.—In selecting ac-
 25 tions to carry out under a partnership under

subparagraph (A), the Secretary shall give priority to projects that are intended to control or manage the Russian olive (*Elaeagnus angustifolia*) or saltcedar (of the genus *Tamarix*).

~~“(3) INVASIVE PLANT SPECIES PILOT PROGRAM.—~~

~~“(A) DEFINITIONS.—In this paragraph:~~

~~“(i) ELIGIBLE ENTITY.—The term ‘eligible entity’ means a partnership between or among 2 or more entities that—~~

~~“(I) includes—~~

~~“(aa) at least 1 flood control district; and~~

~~“(bb) at least 1 city, county, township, town, borough, parish, village, or other general purpose political subdivision of a State or Indian tribe (as defined in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 5304)); and~~

~~“(II) may include any other entity (such as a nonprofit organization~~

1 or institution of higher education); as
2 determined by the Secretary.

3 ~~“(ii) INVASIVE PLANT SPECIES.—The~~
4 term ‘invasive plant species’ means a plant
5 that is nonnative to the ecosystem under
6 consideration, the introduction of which
7 causes or is likely to cause economic harm
8 or harm to human health.

9 ~~“(iii) SECRETARY.—The term ‘Sec-~~
10 retary’ means the Secretary of the Interior;
11 acting through the Director of the United
12 States Fish and Wildlife Service.

13 ~~“(B) PILOT PROGRAM.—The Secretary~~
14 shall establish a pilot program under which the
15 Secretary shall work with eligible entities to
16 carry out activities—

17 ~~“(i) to remove invasive plant species~~
18 in riparian areas that contribute to
19 drought conditions in—

20 ~~“(I) the Lower Colorado River~~
21 Basin;

22 ~~“(II) the Rio Grande River~~
23 Basin;

24 ~~“(III) the Texas Gulf Coast~~
25 Basin; and

1 ~~“(IV) the Arkansas-White-Red~~
2 ~~Basin;~~

3 ~~“(ii) where appropriate, to replace the~~
4 ~~invasive plant species described in clause~~
5 ~~(i) with ecologically suitable native species;~~
6 ~~and~~

7 ~~“(iii) to maintain and monitor ripar-~~
8 ~~ian areas in which activities are carried out~~
9 ~~under clauses (i) and (ii).~~

10 ~~“(C) REPORT TO CONGRESS.—Not later~~
11 ~~than 18 months after the date of enactment of~~
12 ~~this subsection, the Secretary shall submit to~~
13 ~~the Committee on Environment and Public~~
14 ~~Works of the Senate and the Committee on~~
15 ~~Transportation and Infrastructure of the House~~
16 ~~of Representatives a report describing the im-~~
17 ~~plementation of the pilot program.~~

18 ~~“(D) TERMINATION OF AUTHORITY.—The~~
19 ~~authority provided under this paragraph shall~~
20 ~~terminate on September 30, 2024.~~

21 ~~“(4) COST-SHARE.—The Federal share of an~~
22 ~~action carried out under a partnership under para-~~
23 ~~graph (2) or the pilot program under paragraph (3)~~
24 ~~shall not exceed 80 percent of the total cost of the~~
25 ~~action.”.~~

1 **SEC. 1605. TERRESTRIAL NOXIOUS WEED CONTROL PILOT**
2 **PROGRAM.**

3 (a) **IN GENERAL.**—The Secretary shall carry out a
4 pilot program, in consultation with the Federal Inter-
5 agency Committee for the Management of Noxious and
6 Exotic Weeds, to identify and develop new and improved
7 strategies for terrestrial noxious weed control on Federal
8 land under the jurisdiction of the Secretary.

9 (b) **PARTNERSHIPS.**—In carrying out the pilot pro-
10 gram under subsection (a), the Secretary shall act in part-
11 nership with such other individuals and entities as the
12 Secretary determines to be appropriate.

13 (c) **COOPERATIVE AGREEMENTS.**—The Secretary
14 may utilize cooperative agreements with county and State
15 agencies for the implementation of the pilot program
16 under subsection (a).

17 (d) **REPORT TO CONGRESS.**—Not later than 2 years
18 after the date of enactment of this Act, the Secretary shall
19 provide to the Committee on Environment and Public
20 Works of the Senate and the Committee on Transpor-
21 tation and Infrastructure of the House of Representatives
22 a report describing the new and improved strategies devel-
23 oped through the pilot program under subsection (a).

1 **SEC. 1606. INVASIVE SPECIES RISK ASSESSMENT,**
2 **PRIORITIZATION, AND MANAGEMENT.**

3 Section 528(f)(2) of the Water Resources Develop-
4 ment Act of 1996 (110 Stat. 3771) is amended—

5 (1) by redesignating subparagraphs (I) and (J)
6 as subparagraphs (J) and (K), respectively;

7 (2) by inserting after subparagraph (H) the fol-
8 lowing:

9 “(I) shall, using existing amounts appro-
10 priated to the Task Force, develop and update,
11 as appropriate, a priority list of invasive species
12 that—

13 “(i) reflects an assessment of ecologi-
14 cal risk that the listed invasive species rep-
15 resent;

16 “(ii) includes populations of invasive
17 plants and animals that—

18 “(I) are significantly impacting
19 the structure and function of ecologi-
20 cal communities, native species, or
21 habitat within the South Florida eco-
22 system; or

23 “(H) demonstrate a strong po-
24 tential to reduce, obscure, or other-
25 wise alter key indicators used to

1 measure Everglades restoration
2 progress; and

3 “(iii) shall be used by the Task Force
4 and agencies and entities represented on
5 the Task Force to focus cooperative and
6 collaborative efforts—

7 “(I) to guide applied research;

8 “(II) to develop innovative strate-
9 gies and tools to facilitate improved
10 management, control, or eradication
11 of listed invasive species;

12 “(III) to implement specific man-
13 agement, control, or eradication ac-
14 tivities at the appropriate periodicity
15 and intensity necessary to reduce or
16 neutralize the impacts of listed
17 invasive species, including the use of
18 qualified skilled volunteers when ap-
19 propriate; and

20 “(IV) to develop innovative strat-
21 egies and tools to prevent future in-
22 troductions of nonnative species;”;

23 (3) in subparagraph (J) (as so redesignated),
24 by striking “ecosystem” and inserting “ecosystem,

1 including the activities described in subparagraph
2 (I)”; and

3 (4) in clause (i) of subparagraph (K) (as so re-
4 designated), by inserting “, including the priority list
5 under subparagraph (I) and the activities described
6 in that subparagraph” after “Task Force”.

7 **SEC. 1607. ASIAN CARP PREVENTION AND CONTROL PILOT**
8 **PROGRAM.**

9 (a) **IN GENERAL.**—The Secretary shall carry out an
10 Asian carp prevention and control pilot program (referred
11 to in this section as the “pilot program”) to carry out
12 projects to manage and prevent the spread of, reduce the
13 population of, or eradicate Asian carp using innovative
14 technologies, methods, and measures.

15 (b) **PROJECT SELECTION.**—

16 (1) **LOCATION.**—Each project under the pilot
17 program shall be carried out in a river system or
18 reservoir in which Asian carp populations are ex-
19 panding or have been documented.

20 (2) **LIMITATIONS.**—

21 (A) **IN GENERAL.**—Not later than Sep-
22 tember 30, 2024, the Secretary shall carry out
23 and complete not more than 20 projects under
24 the pilot program.

1 ~~(B)~~ REQUIREMENT.—Not fewer than 5 of
 2 the projects under subparagraph (A) shall be
 3 carried out at reservoirs of the Corps of Engi-
 4 neers or the Tennessee Valley Authority that
 5 are located in—

6 (i) the Cumberland River watershed;

7 or

8 (ii) the Tennessee River watershed.

9 ~~(3)~~ CONSULTATION.—In selecting projects to
 10 carry out under the pilot program, the Secretary
 11 shall consult with—

12 (A) the Director of the U.S. Army Engi-
 13 neer Research and Development Center;

14 (B) the Director of the United States Fish
 15 and Wildlife Service;

16 (C) the Director of the United States Geo-
 17 logical Survey;

18 (D) other applicable Federal, State, and
 19 local agencies;

20 (E) the Mississippi Interstate Cooperative
 21 Resource Association and associated sub-basin
 22 partnerships of the Mississippi River;

23 (F) institutions of higher education; and

24 (G) relevant private organizations, includ-
 25 ing nonprofit organizations.

1 ~~(c) TREATMENT OF UNSUCCESSFUL PROJECTS.—If~~
2 the Secretary determines that a project carried out under
3 this section does not achieve the goals of the pilot program
4 described in subsection (a), the Secretary shall remove the
5 project.

6 ~~(d) COST-SHARE.—~~

7 ~~(1) IN GENERAL.—Subject to paragraphs (2)~~
8 and ~~(3)~~, the Federal share of the costs of a project
9 carried out under the pilot program shall be 80 per-
10 cent.

11 ~~(2) OPERATION, MAINTENANCE, REHABILITA-~~
12 ~~TION, AND REPAIR.—After the completion of a~~
13 project under the pilot program, the Federal share
14 of the costs for operation, maintenance, rehabilita-
15 tion, and repair of the project shall be 100 percent.

16 ~~(3) FEDERAL RESPONSIBILITY.—The Federal~~
17 share of the costs of the removal of a project under
18 subsection ~~(c)~~ shall be 100 percent.

19 ~~(e) REPORT.—Not later than 2 years after the date~~
20 of enactment of this Act, and 2 years thereafter, the Sec-
21 retary shall submit to Congress a report describing the
22 results of the pilot program, including an analysis of the
23 effectiveness of the innovative technologies, methods, and
24 measures used in projects of the pilot program at pre-

1 venting the spread of, managing the spread of, reducing
 2 the population of, or eradicating Asian carp.

3 (f) TRANSFER.—The Secretary may transfer projects
 4 carried out under the pilot program at reservoirs of the
 5 Tennessee Valley Authority to the Tennessee Valley Au-
 6 thority.

7 (g) AUTHORIZATION OF APPROPRIATIONS.—There is
 8 authorized to be appropriated to carry out the pilot pro-
 9 gram \$35,000,000, to remain available until expended.

10 (h) TERMINATION OF AUTHORITY.—

11 (1) IN GENERAL.—Except as provided in para-
 12 graph (2), the authority provided under the pilot
 13 program shall terminate on September 30, 2024.

14 (2) EXCEPTION.—The authority under sub-
 15 section (f) does not terminate on the date described
 16 in paragraph (1).

17 **SEC. 1608. AQUATIC INVASIVE SPECIES PREVENTION.**

18 Section 1039(b) of the Water Resources Reform and
 19 Development Act of 2014 (16 U.S.C. 4701 note; Public
 20 Law 113–121) is amended—

21 (1) in paragraph (1)—

22 (A) in the paragraph heading, by striking
 23 “UPPER MISSISSIPPI AND OHIO RIVER BASINS
 24 AND TRIBUTARIES” and inserting “MISSISSIPPI

1 RIVER AND TRIBUTARIES, INCLUDING SUB-BA-
2 SINS”;

3 (B) in subparagraph (A), by striking
4 “Upper Mississippi and Ohio River basins and
5 tributaries” and inserting “Mississippi River
6 and tributaries, including the 6 sub-basins of
7 the River,”; and

8 (C) in subparagraph (B), by striking “and
9 the document prepared” and all that follows
10 through “February 2012.” and inserting “the
11 Mississippi River Basin Asian Carp Control
12 Strategy Frameworks, and the Asian Carp Re-
13 gional Coordinating Committee’s Asian Carp
14 Action Plan.”; and

15 (2) in paragraph (2)—

16 (A) in subparagraph (A)—

17 (i) by striking “December 31 of each
18 year” and inserting “December 31, 2020,
19 and biennially thereafter”; and

20 (ii) by striking “Upper Mississippi
21 and Ohio River basins and tributaries”
22 and inserting “Mississippi River and tribu-
23 taries, including the 6 sub-basins of the
24 River”; and

25 (B) in subparagraph (B)—

(i) in clause (i), by striking “Upper Mississippi and Ohio River basins and tributaries” and inserting “Mississippi River and tributaries, including the 6 sub-basins of the River,”; and

(ii) in clause (ii), by striking “Upper Mississippi and Ohio River basins and tributaries” and inserting “Mississippi River and tributaries, including the 6 sub-basins of the River”.

SEC. 1609. INVASIVE SPECIES IN ALPINE LAKES PILOT PROGRAM.

(a) **ESTABLISHMENT.**—The Secretary of the Interior, acting through the Director of the United States Fish and Wildlife Service, shall establish a pilot program (referred to in this section as the “pilot program”) to carry out measures necessary to prevent, reduce the number of, or eradicate aquatic invasive species in alpine lakes in areas in which the Secretary of the Interior is carrying out environmental projects.

(b) **AUTHORIZATION OF APPROPRIATIONS.**—There is authorized to be appropriated to carry out the pilot program \$25,000,000 for the period of fiscal years 2022 through 2024.

TITLE II—CLEAN WATER

SEC. 2001. CLEAN WATER INFRASTRUCTURE RESILIENCY AND SUSTAINABILITY PROGRAM.

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

“SEC. 222. CLEAN WATER INFRASTRUCTURE RESILIENCY AND SUSTAINABILITY PROGRAM.

“(a) DEFINITIONS.—In this section:

“(1) ELIGIBLE ENTITY.—The term ‘eligible entity’ means—

“(A) a municipality; or

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

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

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

“(b) ESTABLISHMENT.—Subject to the availability of appropriations, the Administrator shall establish a clean water infrastructure resilience and sustainability program under which the Administrator shall award grants to eligi-

1 ble entities for the purpose of increasing the resilience of
2 publicly owned treatment works to a natural hazard.

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

9 ~~“(1) the conservation of water;~~

10 ~~“(2) the enhancement of water use efficiency;~~

11 ~~“(3) the enhancement of wastewater and~~
12 ~~stormwater management by increasing watershed~~
13 ~~preservation and protection, including through the~~
14 ~~use of—~~

15 ~~“(A) natural and engineered green infra-~~
16 ~~structure; and~~

17 ~~“(B) reclamation and reuse of wastewater~~
18 ~~and stormwater, such as aquifer recharge zones;~~

19 ~~“(4) the modification or relocation of an exist-~~
20 ~~ing publicly owned treatment works that is at risk~~
21 ~~of being significantly impaired or damaged by a nat-~~
22 ~~ural hazard;~~

23 ~~“(5) the development and implementation of~~
24 ~~projects to increase the resilience of publicly owned~~
25 ~~treatment works to a natural hazard; or~~

1 “(6) the enhancement of energy efficiency or
2 the use and generation of recovered or renewable en-
3 ergy in the management, treatment, or conveyance
4 of wastewater or stormwater.

5 “(d) APPLICATION.—To be eligible to receive a grant
6 under the program, an eligible entity shall submit to the
7 Administrator an application at such time, in such man-
8 ner, and containing such information as the Administrator
9 may require, including—

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

13 “(2) an identification of the natural hazard risk
14 to be addressed by the proposed project;

15 “(3) documentation prepared by a Federal,
16 State, regional, or local government agency of the
17 natural hazard risk of the area where the proposed
18 project is to be located;

19 “(4) a description of any recent natural hazard
20 events that have affected the publicly owned treat-
21 ment works;

22 “(5) a description of how the proposed project
23 would improve the performance of the publicly
24 owned treatment works under an anticipated natural
25 hazard; and

1 “(6) an explanation of how the proposed project
2 is expected to enhance the resilience of the publicly
3 owned treatment works to an anticipated natural
4 hazard.

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

7 “(1) COST SHARE.—A grant under the program
8 shall not exceed 75 percent of the total cost of the
9 proposed project.

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

13 “(f) AUTHORIZATION OF APPROPRIATIONS.—

14 “(1) IN GENERAL.—There is authorized to be
15 appropriated to carry out this section \$5,000,000 for
16 each of fiscal years 2021 through 2024.

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

21 **SEC. 2002. INCREASED FUNDING FOR TECHNICAL ASSIST-**
22 **ANCE.**

23 Section 104(u) of the Federal Water Pollution Con-
24 trol Act (33 U.S.C. 1254(u)) is amended—

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

3 (2) in paragraph (7)—

4 (A) by striking “2023” and inserting
 5 “2020”; and

6 (B) by striking the period at the end and
 7 inserting “; and (8) not to exceed \$75,000,000
 8 for each of fiscal years 2021 through 2024 for
 9 carrying out subsections (b)(3), (b)(8), and (g);
 10 of which not less than \$50,000,000 each year
 11 shall be used to carry out subsection (b)(8).”.

12 **SEC. 2003. SMALL AND MEDIUM PUBLICLY OWNED TREAT-**
 13 **MENT WORKS CIRCUIT RIDER PROGRAM.**

14 Title II of the Federal Water Pollution Control Act
 15 (~~33~~ U.S.C. 1281 et seq.) (as amended by section 2001)
 16 is amended by adding at the end the following:

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

19 “(a) ESTABLISHMENT.—Subject to the availability of
 20 appropriations, not later than 180 days after the date of
 21 enactment of this section, the Administrator shall estab-
 22 lish a circuit rider program (referred to in this section as
 23 the ‘circuit rider program’) under which the Administrator
 24 shall award grants to qualified nonprofit entities, as deter-
 25 mined by the Administrator, to provide assistance to own-

1 ers and operators of small and medium publicly owned
 2 treatment works to carry out the activities described in
 3 section ~~602(b)(13)~~.

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

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

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

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

15 “(d) AUTHORIZATION OF APPROPRIATIONS.—

16 “(1) IN GENERAL.—There is authorized to be
 17 appropriated to carry out this section \$10,000,000
 18 for the period of fiscal years 2021 through 2024.

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

1 **SEC. 2004. SMALL PUBLICLY OWNED TREATMENT WORKS**
 2 **EFFICIENCY GRANT PROGRAM.**

3 Title II of the Federal Water Pollution Control Act
 4 (~~33~~ U.S.C. 1281 et seq.) (as amended by section 2003)
 5 is amended by adding at the end the following:

6 **“SEC. 224. SMALL PUBLICLY OWNED TREATMENT WORKS**
 7 **EFFICIENCY GRANT PROGRAM.**

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

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

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

23 “(2) a disadvantaged community.

24 “(c) **REPORT.**—Not later than 180 days after the
 25 date on which the Administrator establishes the efficiency

1 grant program, and every 180 days thereafter, the Admin-
 2 istrator shall submit to Congress a report describing—

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

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

7 “(d) AUTHORIZATION OF APPROPRIATIONS.—

8 “(1) IN GENERAL.—There is authorized to be
 9 appropriated to carry out this section \$5,000,000 for
 10 each of fiscal years 2021 through 2024, to remain
 11 available until expended.

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

16 **SEC. 2005. WASTEWATER EFFICIENCY GRANT PILOT PRO-**
 17 **GRAM.**

18 (a) DEFINITIONS.—In this section:

19 (1) ADMINISTRATOR.—The term “Adminis-
 20 trator” means the Administrator of the Environ-
 21 mental Protection Agency.

22 (2) PILOT PROGRAM.—The term “pilot pro-
 23 gram” means the wastewater efficiency grant pilot
 24 program established under subsection (b).

1 ~~(3) TREATMENT WORKS.—~~The term “treatment
2 works” has the meaning given the term in section
3 ~~212~~ of the Federal Water Pollution Control Act (~~33~~
4 U.S.C. 1292).

5 ~~(b) ESTABLISHMENT.—~~Subject to the availability of
6 appropriations, the Administrator shall establish a waste-
7 water efficiency grant pilot program to award grants to
8 owners or operators of publicly owned treatment works to
9 carry out projects that create or improve waste-to-energy
10 systems.

11 ~~(c) SELECTION.—~~

12 ~~(1) APPLICATIONS.—~~To be eligible to receive a
13 grant under the pilot program, an owner or operator
14 of a treatment works shall submit to the Adminis-
15 trator an application at such time, in such manner,
16 and containing such information as the Adminis-
17 trator may require.

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

22 ~~(d) USE OF FUNDS.—~~

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

- 1 (A) sludge collection;
- 2 (B) installation of anaerobic digesters;
- 3 (C) methane capture;
- 4 (D) methane transfer;
- 5 (E) facility upgrades and retrofits nec-
- 6 essary to create or improve waste-to-energy sys-
- 7 tems; and
- 8 (F) other new and emerging, but proven,
- 9 technologies that transform waste to energy.

10 (2) LIMITATION.—A grant to a recipient under
 11 the pilot program shall be not more than
 12 \$4,000,000.

13 (e) REPORTS.—

14 (1) REPORT TO THE ADMINISTRATOR.—Not
 15 later than 1 year after receiving a grant under the
 16 pilot program and each year thereafter for which
 17 amounts are made available for the pilot program
 18 under subsection (f), the recipient of the grant shall
 19 submit to the Administrator a report describing the
 20 impact of that project on the communities within 3
 21 miles of the treatment works.

22 (2) REPORT TO CONGRESS.—Not later than 1
 23 year after first awarding grants under the pilot pro-
 24 gram and each year thereafter for which amounts
 25 are made available for the pilot program under sub-

1 section (f), the Administrator shall submit to Con-
 2 gress a report describing—

3 (A) the applications received by the Ad-
 4 ministrator for grants under the pilot program;
 5 and

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

8 (f) AUTHORIZATION OF APPROPRIATIONS.—

9 (1) IN GENERAL.—There is authorized to be
 10 appropriated to carry out the pilot program
 11 \$17,500,000 for each of fiscal years 2021 and 2022,
 12 to remain available until expended.

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. 2006. PILOT PROGRAM FOR ALTERNATIVE WATER**
 18 **SOURCE PROJECTS.**

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

21 (1) in subsection (b), in the heading, by strik-
 22 ing “IN GENERAL” and inserting “ESTABLISH-
 23 MENT”;

24 (2) in subsection (d)—

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

1 (B) by redesignating paragraph (3) as
 2 paragraph (2);
 3 (3) by striking subsection (c);
 4 (4) in subsection (i)—

5 (A) in the matter preceding paragraph (1),
 6 by striking “, the following definitions apply”;
 7 and

8 (B) in paragraph (1), in the first sentence,
 9 by striking “water or wastewater or by treating
 10 wastewater” and inserting “water, wastewater,
 11 or stormwater or by treating wastewater or
 12 stormwater”;
 13 (5) in subsection (j)—

14 (A) in the first sentence, by striking
 15 “There is” and inserting the following:
 16 “(1) IN GENERAL.—There is”;

17 (B) in paragraph (1) (as so designated), by
 18 striking “a total of \$75,000,000 for fiscal years
 19 2002 through 2004. Such sums shall” and in-
 20 serting “\$25,000,000 for each of fiscal years
 21 2022 through 2024, to”; and

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

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.”; and

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

7 **SEC. 2007. SEWER OVERFLOW AND STORMWATER REUSE**
8 **MUNICIPAL GRANTS.**

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

11 (1) in subsection (a)(1) —

12 (A) in subparagraph (A), by striking
13 “and” at the end;

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

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

18 “(B) notification systems to inform the
19 public of combined sewer or sanitary overflows
20 that result in sewage being released into rivers
21 and other waters; and”; and

22 (2) in subsection (f)—

23 (A) in paragraph (1)—

24 (i) by striking “There is” and insert-
25 ing “There are”;

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

3 (iii) by striking “this section
4 \$225,000,000” and inserting the following:
5 “this section—

6 “(A) \$225,000,000”; and

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

9 “(B) \$250,000,000 for each of fiscal years
10 2021 and 2022.”; and

11 (B) in paragraph (2)—

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

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

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

18 “(B) RURAL ALLOCATION.—

19 “(i) DEFINITION OF RURAL AREA.—

20 In this subparagraph, the term ‘rural area’
21 means a city, town, or unincorporated area
22 that has a population of not more than
23 10,000 inhabitants.

24 “(ii) ALLOCATION.—To the extent
25 there are sufficient eligible project applica-

tions, the Administrator shall ensure that a State uses not less than 15 percent of the amount of the grants made to the State under subsection (a) in a fiscal year to carry out projects in rural areas for the purpose of planning, design, and construction of—

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

“(II) any other measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water eligible for assistance under section 603(e).”.

SEC. 2008. WATER INFRASTRUCTURE AND WORKFORCE INVESTMENT.

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

(1) in subsection (a)(3)(B), by inserting “and public works departments and agencies” after “organizations”;

(2) in subsection (b)—

1 (A) in paragraph (2)—

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

6 (ii) in subparagraph (A)(ii), by insert-
 7 ing “for entities that are not public works
 8 departments and agencies,” before “work-
 9 ing”; and

10 (B) in paragraph (4), by striking
 11 “\$1,000,000 for each of fiscal years 2019 and
 12 2020” and inserting “\$2,000,000 for each of
 13 fiscal years 2021 through 2024”;

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

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

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

1 **SEC. 2009. WATER RESOURCES RESEARCH ACT AMEND-**
 2 **MENTS.**

3 (a) **CLARIFICATION OF RESEARCH ACTIVITIES.**—Sec-
 4 tion 104(b)(1) of the Water Resources Research Act of
 5 1984 (42 U.S.C. 10303(b)(1)) is amended—

6 (1) in subparagraph (B)(ii), by striking “water-
 7 related phenomena” and inserting “water re-
 8 sources”; and

9 (2) in subparagraph (D), by striking the period
 10 at the end and inserting “; and”.

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

15 “(c) **GRANTS.**—

16 “(1) **IN GENERAL.**—From the sums appro-
 17 priated pursuant to subsection (f) of this section, the
 18 Secretary shall make grants to each institute to be
 19 matched on a basis of no less than 1 non-Federal
 20 dollar for every 1 Federal dollar.

21 “(2) **REPORT.**—Not later than December 31 of
 22 each fiscal year, the Secretary shall submit to the
 23 Committee on Environment and Public Works of the
 24 Senate, the Committee on the Budget of the Senate,
 25 the Committee on Transportation and Infrastructure
 26 of the House of Representatives, and the Committee

1 on the Budget of the House of Representatives a re-
 2 port regarding the compliance of each funding re-
 3 cipient with this subsection for the immediately pre-
 4 ceeding fiscal year.”.

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

9 “(e) EVALUATION OF WATER RESOURCES RESEARCH
 10 PROGRAM.—

11 “(1) IN GENERAL.—The Secretary shall con-
 12 duct a careful and detailed evaluation of each insti-
 13 tute at least once every 5 years to determine—

14 “(A) the quality and relevance of the water
 15 resources research of the institute;

16 “(B) the effectiveness of the institute at
 17 producing measured results and applied water
 18 supply research; and

19 “(C) whether the effectiveness of the insti-
 20 tute as an institution for planning, conducting,
 21 and arranging for research warrants continued
 22 support under this section.

23 “(2) PROHIBITION ON FURTHER SUPPORT.—If,
 24 as a result of an evaluation under paragraph (1), the
 25 Secretary determines that an institute does not qual-

(e) ADDITIONAL APPROPRIATIONS WHERE RE-
SEARCH FOCUSED ON WATER PROBLEMS OF INTERSTATE
NATURE.—Section 104(g)(1) of the Water Resources Re-
search Act of 1984 (42 U.S.C. 10303(g)(1)) is amended
in the first sentence by striking “\$6,000,000 for each of
fiscal years 2007 through 2011” and inserting
“\$1,750,000 for each of fiscal years 2021 through 2024”.

23 Title II of the Federal Water Pollution Control Act
24 (33 U.S.C. 1281 et seq.) (as amended by section 2004)
25 is amended by adding at the end the following:

1 **“SEC. 225. GRANTS FOR CONSTRUCTION, REFURBISHING,**
 2 **AND SERVICING OF INDIVIDUAL HOUSEHOLD**
 3 **DECENTRALIZED WASTEWATER SYSTEMS**
 4 **FOR INDIVIDUALS WITH LOW OR MODERATE**
 5 **INCOME.**

6 “(a) DEFINITION OF ELIGIBLE INDIVIDUAL.—In this
 7 section, the term ‘eligible individual’ means a member of
 8 a household, the members of which have a combined in-
 9 come (for the most recent 12-month period for which in-
 10 formation is available) equal to not more than 50 percent
 11 of the median nonmetropolitan household income for the
 12 State or territory in which the household is located, ac-
 13 cording to the most recent decennial census.

14 “(b) GRANT PROGRAM.—

15 “(1) IN GENERAL.—Subject to the availability
 16 of appropriations, the Administrator shall establish a
 17 program under which the Administrator shall pro-
 18 vide grants to private nonprofit organizations for the
 19 purpose of providing assistance to eligible individuals
 20 who reside in the mid-Atlantic, the southeast, and
 21 the Appalachian regions of the United States, in ac-
 22 cordance with subsection (c).

23 “(2) APPLICATION.—To be eligible to receive a
 24 grant under this subsection, a private nonprofit or-
 25 ganization shall submit to the Administrator an ap-
 26 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 subsection (c)(1), as the Administrator
 13 determines 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 construction, re-
 18 furbishing, and servicing of individual household de-
 19 centralized waste systems for eligible individuals.

20 ~~“(2) PUBLIC UTILITY CONNECTION AVAIL-~~
 21 ~~ABLE.—~~

22 ~~“(A) IN GENERAL.—~~In any case in which
 23 an eligible individual who submits to a private
 24 nonprofit organization an application for the
 25 services described in paragraph (1) resides in a

1 household that could be connected to an avail-
2 able public wastewater utility, the private non-
3 profit organization shall conduct a cost analysis
4 to determine whether establishing such a con-
5 nection would be a more cost-effective use of
6 funds, as compared to the services described in
7 paragraph (1).

8 “(B) USE OF FUNDS.—If a cost analysis
9 under subparagraph (A) demonstrates that the
10 connection of the applicable household to a pub-
11 lic wastewater utility is more cost-effective than
12 the services described in paragraph (1) with re-
13 spect to the household, the eligible individual
14 may use amounts received from the private non-
15 profit organization to establish the connection.

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

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

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

14 “(e) AUTHORIZATION OF APPROPRIATIONS.—

15 “(1) IN GENERAL.—There is authorized to be
16 appropriated to the Administrator to carry out this
17 section \$15,000,000 for each of fiscal years 2021
18 and 2022.

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

1 **SEC. 2011. 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 2010)
 5 is 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 individuals with connecting the
 14 household of the individual to the publicly
 15 owned treatment works; or

16 “(B) a nonprofit entity that assists individ-
 17 uals with the costs associated with connecting
 18 the household of the individual to a publicly
 19 owned treatment works.

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

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

1 “(b) ESTABLISHMENT.—Subject to the availability of
2 appropriations, the Administrator shall establish a com-
3 petitive grant program under which the Administrator
4 awards grants to eligible entities to provide funds to assist
5 qualified individuals in covering the costs incurred by the
6 qualified individual in connecting the household of the
7 qualified individual to a publicly owned treatment works.

8 “(c) APPLICATION.—

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

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

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

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

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

3 “(A) has an existing program to assist in
4 covering the costs incurred in connecting a
5 household to a publicly owned treatment works;
6 or

7 “(B) seeks to create a program described
8 in subparagraph (A).

9 “(e) REQUIREMENTS.—

10 “(1) VOLUNTARY CONNECTION.—Before pro-
11 viding funds to a qualified individual for the costs
12 described in subsection (b), an eligible entity shall
13 ensure that—

14 “(A) the qualified individual has connected
15 to the publicly owned treatment works volun-
16 tarily; and

17 “(B) if the eligible entity is not the owner
18 or operator of the publicly owned treatment
19 works to which the qualified individual has con-
20 nected, the publicly owned treatment works to
21 which the qualified individual has connected has
22 agreed to the connection.

23 “(2) REIMBURSEMENTS FROM PUBLICLY
24 OWNED TREATMENT WORKS.—An eligible entity that
25 is an owner or operator of a publicly owned treat-

ment works may reimburse a qualified individual that has already incurred the costs described in subsection (b) by—

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

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

“(f) AUTHORIZATION OF APPROPRIATIONS.—

“(1) IN GENERAL.—There is authorized to be appropriated to carry out the program \$20,000,000 for each of fiscal years 2021 and 2022.

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

SEC. 2012. USE OF CLEAN WATER STATE REVOLVING LOAN FUNDS.

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

(1) in subsection (d), in the matter preceding paragraph (1), by inserting “and provided in subsection (1)” after “State law”; and

(2) by adding at the end the following:

1 “(k) REQUIRED SUBSIDIES.—

2 “(1) IN GENERAL.—Notwithstanding any other
3 provision of this title, to the extent that there are
4 sufficient applications from eligible recipients, and
5 subject to paragraph (3), a State shall use not less
6 than 10 percent of a capitalization grant to the
7 State under this title to provide the additional sub-
8 sidies described in paragraph (2) to eligible recipi-
9 ents under subsection (d) if the additional subsidies
10 described in that paragraph are used—

11 “(A) as initial financing for the eligible re-
12 cipient; or

13 “(B) to buy, refinance, restructure, or for-
14 give the debt obligations of the eligible recipi-
15 ent, if the debt obligation was incurred on or
16 after the date of enactment of this subsection.

17 “(2) ADDITIONAL SUBSIDIES DESCRIBED.—The
18 additional subsidies referred to in paragraph (1)
19 are—

20 “(A) forgiveness of principal of loans owed
21 to the State water pollution control revolving
22 fund of the State;

23 “(B) negative interest loans;

24 “(C) grants; or

1 ~~“(D) a combination of the subsidies de-~~
 2 scribed in subparagraphs (A) through (C).

3 ~~“(3) APPLICABILITY.—~~The authority of a State
 4 to provide additional subsidization under this sub-
 5 section shall apply to amounts received by the State
 6 in capitalization grants under this title for fiscal
 7 years beginning after September 30, 2020.

8 ~~“(1) ADDITIONAL USE OF FUNDS.—~~A State may use
 9 an additional 2 percent of the funds annually allotted to
 10 each State under this section for nonprofit organizations
 11 (as defined in section 104(w)) to provide technical assist-
 12 ance to rural, small, and tribal publicly owned treatment
 13 works (within the meaning of section 104(b)(8)(B)) in the
 14 State.”.

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

19 **SEC. 2013. WATER DATA SHARING PILOT PROGRAM.**

20 (a) ESTABLISHMENT.—

21 (1) IN GENERAL.—Subject to the availability of
 22 appropriations, the Administrator of the Environ-
 23 mental Protection Agency (referred to in this section
 24 as the “Administrator”) shall establish a competitive
 25 grant pilot program (referred to in this section as

1 the “pilot program”) under which the Administrator
2 may award grants to eligible entities under sub-
3 section (b) to establish systems that improve the
4 sharing of information concerning water quality,
5 water infrastructure needs, and water technology be-
6 tween States or among counties and other units of
7 local government within a State, which may in-
8 clude—

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

13 (B) intercounty communications initiatives
14 related to water data.

15 ~~(2) REQUIREMENTS.—~~

16 ~~(A) DATA SHARING.—~~The Internet of
17 Water principles developed by the Nicholas In-
18 stitute for Environmental Policy Solutions shall,
19 to the extent practicable, guide any water data
20 sharing efforts under the pilot program.

21 ~~(B) USE OF EXISTING DATA.—~~The recipi-
22 ent of a grant under the pilot program to estab-
23 lish a website or data hub described in para-
24 graph (1)(A) shall, to the extent practicable, le-
25 verage existing data sharing infrastructure.

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

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

5 (A) has a coastal watershed with signifi-
6 cant pollution levels;

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

9 (C) has significant individual water infra-
10 structure deficits; or

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

13 (c) ~~APPLICATIONS.~~—To be eligible to receive a grant
14 under the pilot program, an eligible entity under sub-
15 section (b) shall submit to the Administrator an applica-
16 tion at such time, in such manner, and containing such
17 information as the Administrator may require.

18 (d) ~~REGIONAL CONSORTIA.~~—

19 (1) ~~ESTABLISHMENT.~~—States may establish re-
20 gional consortia in accordance with this subsection.

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

23 (A) include not fewer than 2 States that
24 have entered into a memorandum of under-
25 standing—

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

3 (ii) to share information, protocols,
4 and procedures with respect to projects
5 that evaluate, demonstrate, or install new
6 and emerging, but proven, water tech-
7 nology;

8 (B) carry out projects—

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

11 (ii) that evaluate, demonstrate, or in-
12 stall new and emerging, but proven, water
13 technology; and

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

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

21 ~~(A) shall identify projects that the regional~~
22 ~~consortium intends to carry out, including~~
23 ~~projects that meet the requirements of para-~~
24 ~~graph (2)(B); and~~

25 ~~(B) may include—~~

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

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

(e) FUNDING.—

(1) AUTHORIZATION OF APPROPRIATIONS.—

There is authorized to be appropriated to carry out the pilot program \$15,000,000 for each of fiscal years 2022 through 2024, to remain available until expended.

(2) REQUIREMENT.—Of the funds made avail-

able under paragraph (1), not more than 35 percent may be used to provide grants to regional consortia established under subsection (d).

SEC. 2014. WATER INFRASTRUCTURE FINANCING REAUTHORIZATION.

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

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

3 ~~“(3) FISCAL YEARS 2022 THROUGH 2024.—~~

4 There is authorized to be appropriated to the Ad-
5 ministrator to carry out this subtitle \$50,000,000
6 for each of fiscal years 2022 through 2024, to re-
7 main available until expended.”;

8 (2) in subsection (b)(2)—

9 (A) in the paragraph heading, by striking
10 “2020 AND 2021” and inserting “AFTER 2019”;
11 and

12 (B) by striking “2020 and 2021” and in-
13 serting “2022 through 2024”; and

14 (3) in subsection (c)(1), by striking “2020 and
15 2021” and inserting “2022 through 2024”.

16 **SEC. 2015. FINAL RATING OPINION LETTERS.**

17 Section 5028(a)(1)(D)(ii) of the Water Infrastruc-
18 ture Finance and Innovation Act of 2014 (33 U.S.C.
19 3907(a)(1)(D)(ii)) is amended by striking “final rating
20 opinion letters from at least 2 rating agencies” and insert-
21 ing “a final rating opinion letter from at least 1 rating
22 agency”.

1 **SEC. 2016. REAUTHORIZATION OF CLEAN WATER STATE RE-**
 2 **VOLVING FUNDS.**

3 Section 607 of the Federal Water Pollution Control
 4 Act (33 U.S.C. 1387) is amended—

5 (1) in the matter preceding paragraph (1), by
 6 striking “There is” and inserting “There are”; and

7 (2) by striking paragraphs (1) through (5) and
 8 inserting the following:

9 “(1) \$2,000,000,000 for fiscal year 2022;

10 “(2) \$2,500,000,000 for fiscal year 2023; and

11 “(3) \$3,000,000,000 for fiscal year 2024.”.

12 **SEC. 2017. WASTEWATER INFRASTRUCTURE DISCRE-**
 13 **TIONARY GRANT PROGRAM.**

14 (a) **ESTABLISHMENT.**—Subject to the availability of
 15 appropriations, not later than 1 year after the date of en-
 16 actment of this Act, the Administrator of the Environ-
 17 mental Protection Agency (referred to in this section as
 18 the “Administrator”) shall establish a wastewater discre-
 19 tionary grant program (referred to in this section as the
 20 “program”) to provide grants, on a competitive basis, to
 21 eligible entities described in subsection (b) for investments
 22 in wastewater infrastructure projects.

23 (b) **ELIGIBLE ENTITIES.**—An entity eligible to re-
 24 ceive a grant under the program is—

1 (1) a Federal, State, interstate, intermunicipal,
2 or local governmental entity, agency, or instrumen-
3 tality;

4 (2) a Tribal government or consortium of Trib-
5 al governments;

6 (3) a State infrastructure financing authority;
7 and

8 (4) a publicly owned treatment works (as de-
9 fined in section 212 of the Federal Water Pollution
10 Control Act (33 U.S.C. 1292)).

11 (c) ELIGIBLE PROJECTS.—

12 (1) IN GENERAL.—A project eligible to be ear-
13 ried out with funds under the program includes—

14 (A) 1 or more activities described in sec-
15 tion 603(e) of the Federal Water Pollution Con-
16 trol Act (33 U.S.C. 1383(e)); and

17 (B) any other wastewater infrastructure
18 project that the Administrator determines to
19 appropriate.

20 (2) OTHER FEDERAL FUNDS.—Notwithstanding
21 any other provision of law, a project otherwise eligi-
22 ble under paragraph (1) shall not be ineligible for
23 funding because the project also received assist-
24 ance—

(A) from a State drinking water treatment revolving loan fund established under section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12);

(B) from a State water pollution control revolving fund established under title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.); or

(C) under the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3901 et seq.).

(d) APPLICATION.—

(1) IN GENERAL.—To be eligible to receive a grant under the program, an eligible entity shall submit to the Administrator an application in such manner and containing such information as the Administrator may require.

(2) BUNDLING OF PROJECTS.—An eligible entity may include more than 1 project in a single application.

(3) DEADLINE.—An application shall be submitted to the Administrator not later than 180 days after the date on which the notice of funding opportunity and the selection criteria are issued under subsection (c)(1)(B).

1 ~~(e) SELECTION.—~~

2 ~~(1) CRITERIA.—~~

3 ~~(A) IN GENERAL.—~~The Administrator
4 shall establish criteria in accordance with this
5 subsection to use in selecting projects to receive
6 a grant under the program.

7 ~~(B) PUBLICATION.—~~Not later than 90
8 days after the date on which funds are made
9 available to carry out the program for each fis-
10 cal year, the Administrator shall—

11 ~~(i)~~ issue a notice of funding oppor-
12 tunity for the program; and

13 ~~(ii)~~ include in the notice the selection
14 criteria established under subparagraph

15 ~~(A).~~

16 ~~(2) PRIORITY.—~~In selecting projects to receive
17 a grant under the program, the Administrator shall
18 give priority to projects—

19 ~~(A)~~ for which a Federal grant would assist
20 in completing an overall financing package for
21 the project; and

22 ~~(B)~~ that would help bring publicly owned
23 treatment works (as defined in section 212 of
24 the Federal Water Pollution Control Act (33
25 U.S.C. 1292)) into compliance with the Federal

1 Water Pollution Control Act (33 U.S.C. 1251 et
2 seq.):

3 ~~(3) GEOGRAPHICAL DISTRIBUTION.—~~For each
4 fiscal year, in providing grants under the program,
5 the Administrator shall ensure that the funds are
6 distributed—

7 (A) on an equitable geographical basis; and

8 (B) in a manner that balances the needs of
9 urban, suburban, and rural communities.

10 ~~(4) DEADLINE.—~~Not later than 18 months
11 after the date on which funds are made available to
12 carry out the program for each fiscal year, the Ad-
13 ministrator shall select projects to receive grants
14 under the program.

15 ~~(f) REQUIREMENTS.—~~

16 ~~(1) TOTAL STATE LIMIT.—~~For each fiscal year,
17 the total amount provided under the program for
18 projects in a single State shall not exceed 20 percent
19 of the total amount made available to carry out the
20 program.

21 ~~(2) FEDERAL SHARE.—~~

22 ~~(A) IN GENERAL.—~~Subject to subpara-
23 graph (B), the Federal share of the cost of a
24 project carried out with a grant under the pro-
25 gram shall not exceed 80 percent.

1 ~~(B) WAIVER.—The Administrator may~~
 2 waive the requirement of subparagraph (A).

3 ~~(g) REGULATIONS.—The Administrator may promul-~~
 4 gate such regulations as may be necessary to carry out
 5 this section.

6 ~~(h) LABOR STANDARDS.—Notwithstanding any other~~
 7 provision of law, the Administrator may not provide a
 8 grant under the program for a project unless the project
 9 meets the requirements described in section 513 of the
 10 Federal Water Pollution Control Act (33 U.S.C. 1372).

11 ~~(i) REPORTS.—Not later than 2 years after the date~~
 12 of enactment of this Act, the Administrator shall submit
 13 to Congress and make publicly available a report on the
 14 implementation of the program.

15 ~~(j) FUNDING.—~~

16 ~~(1) AUTHORIZATION OF APPROPRIATIONS.—~~
 17 There is authorized to be appropriated to carry out
 18 this section \$50,000,000 for each of fiscal years
 19 2022 through 2024.

20 ~~(2) AVAILABILITY.—Funds made available to~~
 21 carry out this section shall be available until ex-
 22 pended.

23 ~~(3) ADMINISTRATIVE COSTS.—Not more than 2~~
 24 percent of the amount made available for a fiscal
 25 year under paragraph (1) may be used by the Ad-

1 administrator for the administrative costs of carrying
2 out the program.

3 **SEC. 2018. SMALL AND DISADVANTAGED COMMUNITY**
4 **ANALYSIS.**

5 (a) ANALYSIS.—Not later than 1 year after the date
6 of enactment of this Act, using environmental justice data
7 of the Environmental Protection Agency, including data
8 from the environmental justice mapping and screen tool
9 of the Environmental Protection Agency, the Adminis-
10 trator of the Environmental Protection Agency (referred
11 to in this section as the “Administrator”) shall carry out
12 an analysis under which the Administrator shall assess the
13 programs under title VI of the Federal Water Pollution
14 Control Act (33 U.S.C. 1381 et seq.) and section 1452
15 of the Safe Drinking Water Act (42 U.S.C. 300j–12) to
16 identify historical distributions of funds to small and dis-
17 advantaged communities and new opportunities and meth-
18 ods to improve on the distribution of funds under those
19 programs to low-income communities, rural communities,
20 minority communities, and communities of indigenous
21 peoples, in accordance with Executive Order 12898 (42
22 U.S.C. 4321 note; 60 Fed. Reg. 6381; relating to Federal
23 actions to address environmental justice in minority popu-
24 lations and low-income populations).

1 (b) **REPORT.**—On completion of the analysis under
 2 subsection (a), the Administrator shall submit to the Com-
 3 mittee on Environment and Public Works of the Senate
 4 and the Committees on Energy and Commerce and Trans-
 5 portation and Infrastructure of the House of Representa-
 6 tives a report describing—

7 (1) the results of the analysis; and

8 (2) the criteria the Administrator used in ear-
 9 rying out the analysis.

10 **SEC. 2019. STORMWATER INFRASTRUCTURE TECHNOLOGY.**

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

12 (1) **ADMINISTRATOR.**—The term “Adminis-
 13 trator” means the Administrator of the Environ-
 14 mental Protection Agency.

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

18 (3) **ELIGIBLE ENTITY.**—The term “eligible enti-
 19 ty” means—

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

21 (B) a local, regional, or other public entity
 22 that manages stormwater or wastewater re-
 23 sources or other related water infrastructure.

24 (4) **ELIGIBLE INSTITUTION.**—The term “eligi-
 25 ble institution” means an institution of higher edu-

1 eation, a research institution, or a nonprofit organi-
 2 zation that has demonstrated excellence in research-
 3 ing and developing new and emerging stormwater
 4 control infrastructure.

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

7 (1) ESTABLISHMENT OF CENTERS.—

8 (A) IN GENERAL.—Subject to the avail-
 9 ability of appropriations, the Administrator
 10 shall provide grants, on a competitive basis, to
 11 eligible institutions to establish and maintain
 12 not less than 3, and not more than 5, centers
 13 of excellence for new and emerging stormwater
 14 control infrastructure, to be located in various
 15 regions throughout the United States.

16 (B) GENERAL OPERATION.—Each center
 17 shall—

18 (i) conduct research on new and
 19 emerging stormwater control infrastructure
 20 that is relevant to the geographical region
 21 in which the center is located, including
 22 stormwater and sewer overflow reduction,
 23 other approaches to water resource en-
 24 hancement, alternative funding approaches,

1 and other environmental, economic, and so-
2 cial benefits;

3 (ii) maintain a listing of—

4 (I) stormwater control infrastruc-
5 ture needs; and

6 (II) an analysis of new and
7 emerging stormwater control infra-
8 structure that is available;

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

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

23 (v) provide technical assistance to
24 State, Tribal, and local governments to as-
25 sist with the construction, operation, and

1 maintenance of stormwater control infra-
 2 structure projects;

3 (vi) collaborate with institutions of
 4 higher education and private and public or-
 5 ganizations, including community-based
 6 public-private partnerships, in the geo-
 7 graphical region in which the center is lo-
 8 cated; 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 that

contains information relating to new and emerging, but proven, stormwater control infrastructure; and

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

~~(4) AUTHORIZATION OF APPROPRIATIONS.—~~

~~(A) IN GENERAL.—~~There is authorized to be appropriated to carry out this subsection \$5,000,000 for each of fiscal years 2022 and 2023.

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

~~(c) STORMWATER CONTROL INFRASTRUCTURE PROJECT GRANTS.—~~

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

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.

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

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

(I) individuals and entities with

applicable technical knowledge; and

(II) the public.

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

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

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

(iii) Monitoring and evaluating the environmental, economic, or social benefits of stormwater control infrastructure that in-

1 corporate new and emerging, but proven,
2 stormwater control technology.

3 (iv) Implementing a best practices
4 standard for stormwater control infrastruc-
5 ture programs.

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

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

16 (B) a plan for monitoring the impacts of
17 the stormwater control infrastructure project on
18 the water quality and quantity;

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

22 (D) a plan for the long-term operation and
23 maintenance of the stormwater control infra-
24 structure project and a tracking system, such
25 as asset management practices.

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

~~(A) a community that—~~

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

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

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

~~(5) MAXIMUM AMOUNTS.—~~

~~(A) PLANNING AND DEVELOPMENT GRANTS.—~~

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

~~(ii) AGGREGATE AMOUNT.—The total amount of all planning and development grants provided under this subsection for a fiscal year shall be not more than 1/3 of the~~

1 total amount made available to carry out
2 this subsection.

3 ~~(B) IMPLEMENTATION GRANTS.—~~

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

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

14 ~~(6) FEDERAL SHARE.—~~

15 ~~(A) IN GENERAL.—~~Except as provided in
16 subparagraph (C), the Federal share of a grant
17 provided under this subsection shall not exceed
18 65 percent of the total project cost.

19 ~~(B) CREDIT FOR IMPLEMENTATION~~
20 ~~GRANTS.—~~The Administrator shall credit to-
21 ward the non-Federal share of the cost of an
22 implementation project carried out under this
23 subsection the cost of planning, design, and
24 construction work completed for the project

1 using funds other than funds provided under
2 this section.

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

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

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

14 ~~(2)~~ a detailed description of—

15 ~~(A)~~ the projects supported by those grants;

16 and

17 ~~(B)~~ the outcomes of those projects;

18 ~~(3)~~ a description of the improvements in tech-
19 nology, environmental benefits, resources conserved,
20 efficiencies, and other benefits of the projects funded
21 under this section;

22 ~~(4)~~ recommendations for improvements to pro-
23 mote and support new and emerging, but proven,
24 stormwater control infrastructure, including research

into new and emerging technologies, for the centers,
grants, and activities under this section; and

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

~~(c) AUTHORIZATION OF APPROPRIATIONS.—~~

~~(1) IN GENERAL.—There is authorized to be
appropriated to carry out this section (except for
subsection (b)) \$10,000,000 for each of fiscal years
2022 and 2023.~~

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

TITLE III—TRIBAL AND OTHER MATTERS

SEC. 3001. TRIBAL PARTNERSHIP PROGRAM.

Section 203(b)(4) of the Water Resources Develop-
ment Act of 2000 (~~33~~ U.S.C. 2269(b)(4)) is amended by
striking “\$12,500,000” each place it appears and insert-
ing “\$22,500,000”.

SEC. 3002. COST SHARING PROVISIONS FOR TERRITORIES AND INDIAN TRIBES.

Section 1156(b) of the Water Resources Development
Act of 1986 (~~33~~ U.S.C. 2310(b)) is amended—

8 (a) ~~REPORT REQUIRED.~~—Not later than 1 year after
9 the date of enactment of this Act, the Secretary shall sub-
10 mit the report required under section 1120(a)(3) of the
11 Water Resources Development Act of 2016 (130 Stat.
12 1643).

(b) CONSULTATION.—The Secretary shall ensure—

(1) that all existing Tribal consultation policies, regulations, and guidance continue to be implemented; and

(2) that consultations with Federal and State agencies and Indian Tribes required for a water resources development project are carried out.

(a) DEPOSITS TO FUNDS.—Section 3212(a) of the Water Infrastructure Improvements for the Nation Act (130 Stat. 1750; 132 Stat. 3892) is amended by striking “2028” and inserting “2030”.

1 (b) EXPENDITURES FROM FUND.—Section 3213(a)
 2 of the Water Infrastructure Improvements for the Nation
 3 Act (130 Stat. 1750; 132 Stat. 3892) is amended, in the
 4 matter preceding paragraph (1), by striking “2028” and
 5 inserting “2030”.

6 (c) TERMINATION.—Section 3216 of the Water Infra-
 7 structure Improvements for the Nation Act (130 Stat.
 8 1750; 132 Stat. 3892) is amended, in the matter pre-
 9 ceeding paragraph (1), by striking “2028” and inserting
 10 “2030”.

11 **SEC. 3005. REAUTHORIZATION OF REPAIR, REPLACEMENT,**
 12 **AND MAINTENANCE OF CERTAIN INDIAN IR-**
 13 **RIGATION PROJECTS.**

14 (a) IN GENERAL.—Section 3221(b) of the Water In-
 15 frastructure Improvements for the Nation Act (130 Stat.
 16 1751; 132 Stat. 3892) is amended, in the matter pre-
 17 ceeding paragraph (1), by striking “2028” and inserting
 18 “2030”.

19 (b) STATUS REPORT ON CERTAIN PROJECTS.—Sec-
 20 tion 3224(d) of the Water Infrastructure Improvements
 21 for the Nation Act (130 Stat. 1753; 132 Stat. 3892) is
 22 amended, in the matter preceding paragraph (1), by strik-
 23 ing “2028” and inserting “2030”.

1 (c) ~~ALLOCATION AMONG PROJECTS.~~—Section 3226
 2 of the Water Infrastructure Improvements for the Nation
 3 Act (~~130 Stat. 1753; 132 Stat. 3892~~) is amended—

4 (1) in subsection (a), by striking “2028” and
 5 inserting “2030”; and

6 (2) in subsection (b), by striking “the day be-
 7 fore the date of enactment of America’s Water In-
 8 frastructure Act of 2018” and inserting “the day be-
 9 fore the date of enactment of the America’s Water
 10 Infrastructure Act of 2020”.

11 **SEC. 3006. GRANTS TO PORTS TO REDUCE EMISSIONS**
 12 **FROM WATERBORNE VESSELS.**

13 (a) ~~IN GENERAL.~~—The Administrator of the Envi-
 14 ronmental Protection Agency shall establish a grant pro-
 15 gram under which the Administrator shall award grants
 16 for the purpose of reducing emissions at ports that result
 17 from waterborne vessels.

18 (b) ~~AUTHORIZATION OF APPROPRIATIONS.~~—There is
 19 authorized to be appropriated to carry out this section
 20 \$20,000,000 for each of fiscal years 2021 and 2022.

21 **SEC. 3007. MAPPING AND SCREENING TOOL.**

22 The Administrator of the Environmental Protection
 23 Agency shall continue to update, on an annual basis, and
 24 make available to the public ~~EJSCREEN~~ or an equivalent
 25 environmental justice mapping and screening tool.

1 **SEC. 3008. ASSESSMENT OF COASTAL WATER INFRASTRUC-**
2 **TURE VULNERABILITIES.**

3 Not later than 1 year after the date of enactment
4 of this Act, the Administrator of the Environmental Pro-
5 tection Agency shall submit to Congress a report that in-
6 cludes—

7 (1) an assessment of coastal water infrastruc-
8 ture vulnerabilities to sea level rise, storm surge, ex-
9 treme weather, and other flood risks, including an
10 identification of States and communities with the
11 most immediate and severe risks; and

12 (2) recommendations for investments and other
13 improvements to that infrastructure to ensure long-
14 term survivability.

15 **SEC. 3009. REPORT ON POTENTIAL FOR BLUE ENERGY AT**
16 **COASTAL WASTEWATER TREATMENT PLANTS.**

17 Not later than 1 year after the date of enactment
18 of this Act, the Administrator of the Environmental Pro-
19 tection Agency, in consultation with the Secretary of En-
20 ergy, shall submit to Congress a report that evaluates the
21 potential for using energy generation technologies based
22 on harnessing the salinity differential between freshwater
23 and saltwater at coastal wastewater treatment plants and
24 other facilities.

1 **SEC. 3010. GREAT LAKES RESTORATION INITIATIVE.**

2 Section 118(e)(7)(J)(i) of the Federal Water Pollu-
 3 tion Control Act (~~33~~ U.S.C. 1268(e)(7)(J)(i)) is amend-
 4 ed—

5 (1) by striking “There is” and inserting “There
 6 are”;

7 (2) by striking the period at the end and insert-
 8 ing “; and”;

9 (3) by striking “this paragraph \$300,000,000”
 10 and inserting the following: “this paragraph—

11 “(I) \$300,000,000”; and

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

13 “(II) \$375,000,000 for fiscal
 14 year 2022.”.

15 **SEC. 3011. SAN FRANCISCO BAY RESTORATION.**

16 Title I of the Federal Water Pollution Control Act
 17 (~~33~~ U.S.C. 1251 et seq.) is amended by adding at the end
 18 the following:

19 **“SEC. 124. SAN FRANCISCO BAY RESTORATION.**

20 “(a) DEFINITIONS.—In this section:

21 “(1) ESTUARY PARTNERSHIP.—The term ‘Es-
 22 tuary Partnership’ means the San Francisco Estu-
 23 ary Partnership, designated as the management con-
 24 ference for the San Francisco Bay under section
 25 320.

1 ~~“(2) SAN FRANCISCO BAY PLAN.—~~The term
2 ~~‘San Francisco Bay Plan’ means—~~

3 ~~“(A) until the date of the completion of the~~
4 ~~plan developed by the Director under subsection~~
5 ~~(d), the comprehensive conservation and man-~~
6 ~~agement plan approved under section 320 for~~
7 ~~the San Francisco Bay estuary; and~~

8 ~~“(B) on and after the date of the comple-~~
9 ~~tion of the plan developed by the Director under~~
10 ~~subsection (d), the plan developed by the Direc-~~
11 ~~tor under subsection (d).~~

12 ~~“(b) PROGRAM OFFICE.—~~

13 ~~“(1) ESTABLISHMENT.—~~

14 ~~“(A) IN GENERAL.—Subject to the avail-~~
15 ~~ability of appropriations, the Administrator~~
16 ~~shall establish in the Environmental Protection~~
17 ~~Agency a San Francisco Bay Program Office~~
18 ~~(referred to in this section as the ‘Office’).~~

19 ~~“(B) LOCATION.—The Office shall be lo-~~
20 ~~cated at the headquarters of Region 9 of the~~
21 ~~Environmental Protection Agency.~~

22 ~~“(2) APPOINTMENT OF DIRECTOR.—The Ad-~~
23 ~~ministrator shall appoint a Director of the Office~~
24 ~~(referred to in this section as the ‘Director’), who~~
25 ~~shall have management experience and technical ex-~~

1 pertise relating to the San Francisco Bay and be
 2 highly qualified to direct the development and imple-
 3 mentation of projects, activities, and studies nec-
 4 essary to implement the San Francisco Bay Plan.

5 ~~“(3) DELEGATION OF AUTHORITY; STAFFING.—~~

6 The Administrator shall delegate to the Director
 7 such authority and provide such staff as may be nec-
 8 essary to carry out this section.

9 ~~“(c) ANNUAL PRIORITY LIST.—~~

10 ~~“(1) IN GENERAL.—After providing public no-~~
 11 ~~tice, the Director shall annually compile a priority~~
 12 ~~list, consistent with the San Francisco Bay Plan,~~
 13 ~~identifying and prioritizing the projects, activities,~~
 14 ~~and studies to be carried out with amounts made~~
 15 ~~available under subsection (c).~~

16 ~~“(2) INCLUSIONS.—The annual priority list~~
 17 ~~compiled under paragraph (1) shall include the fol-~~
 18 ~~lowing:~~

19 ~~“(A) Projects, activities, and studies, in-~~
 20 ~~cluding restoration projects and habitat im-~~
 21 ~~provement for fish, waterfowl, and wildlife, that~~
 22 ~~advance the goals and objectives of the San~~
 23 ~~Francisco Bay Plan, for—~~

24 ~~“(i) water quality improvement, in-~~
 25 ~~cluding the reduction of marine litter;~~

1 “(ii) wetland, riverine, and estuary
2 restoration and protection;

3 “(iii) nearshore and endangered spe-
4 cies recovery; and

5 “(iv) adaptation to extreme weather
6 events.

7 “(B) Information on the projects, activi-
8 ties, and studies specified under subparagraph
9 (A), including—

10 “(i) the identity of each entity receiv-
11 ing assistance pursuant to subsection (c);
12 and

13 “(ii) a description of the communities
14 to be served.

15 “(C) The criteria and methods established
16 by the Director for identification of projects, ac-
17 tivities, and studies to be included on the an-
18 nual priority list.

19 “(3) CONSULTATION.—In compiling the annual
20 priority list under paragraph (1), the Director shall
21 consult with, and consider the recommendations of—

22 “(A) the Estuary Partnership;

23 “(B) the State of California and affected
24 local governments in the San Francisco Bay es-
25 tuary watershed;

1 “(C) the San Francisco Bay Restoration
2 Authority; and

3 “(D) any other relevant stakeholder in-
4 volved with the protection and restoration of
5 the San Francisco Bay estuary that the Direc-
6 tor determines to be appropriate.

7 “(d) SAN FRANCISCO BAY PLAN.—

8 “(1) IN GENERAL.—Not later than 5 years
9 after the date of enactment of this section, the Di-
10 rector, in conjunction with the Estuary Partnership,
11 shall review and revise the comprehensive conserva-
12 tion and management plan approved under section
13 320 for the San Francisco Bay estuary to develop
14 a plan to guide the projects, activities, and studies
15 of the Office to address the restoration and protec-
16 tion of the San Francisco Bay.

17 “(2) REVISION OF SAN FRANCISCO BAY
18 PLAN.—Not less often than once every 5 years after
19 the date of the completion of the plan described in
20 paragraph (1), the Director shall review, and revise
21 as appropriate, the San Francisco Bay Plan.

22 “(3) OUTREACH.—In carrying out this sub-
23 section, the Director shall consult with the Estuary
24 Partnership and Indian tribes and solicit input from
25 other non-Federal stakeholders.

1 ~~“(e) GRANT PROGRAM.—~~

2 ~~“(1) IN GENERAL.—~~The Director may provide
3 funding through cooperative agreements, grants, or
4 other means to State and local agencies, special dis-
5 tricts, and public or nonprofit agencies, institutions,
6 and organizations, including the Estuary Partner-
7 ship, for projects, activities, and studies identified on
8 the annual priority list compiled under subsection
9 ~~(e).~~

10 ~~“(2) MAXIMUM AMOUNT OF GRANTS; NON-FED-~~
11 ~~ERAL SHARE.—~~

12 ~~“(A) MAXIMUM AMOUNT OF GRANTS.—~~

13 Amounts provided to any entity under this sec-
14 tion for a fiscal year shall not exceed an
15 amount equal to 75 percent of the total cost of
16 any projects, activities, and studies that are to
17 be carried out using those amounts.

18 ~~“(B) NON-FEDERAL SHARE.—~~Not less
19 than 25 percent of the cost of any project, ac-
20 tivity, or study carried out using amounts pro-
21 vided under this section shall be provided from
22 non-Federal sources.

23 ~~“(f) FUNDING.—~~

24 ~~“(1) AUTHORIZATION OF APPROPRIATIONS.—~~

25 There is authorized to be appropriated to carry out

1 this section \$25,000,000 for each of fiscal years
2 2022 and 2023.

3 ~~“(2) ADMINISTRATIVE EXPENSES.—Of the~~
4 amount made available to carry out this section for
5 a fiscal year, the Director may not use more than
6 5 percent to pay administrative expenses incurred in
7 carrying out this section.

8 ~~“(3) PROHIBITION.—No amounts made avail-~~
9 able under this section may be used for the adminis-
10 tration of a management conference under section
11 320.”.

12 **SEC. 3012. LAKE TAHOE RESTORATION PROGRAM.**

13 Title I of the Federal Water Pollution Control Act
14 (33 U.S.C. 1251 et seq.) (as amended by section 3011)
15 is amended by adding at the end the following:

16 **“SEC. 125. LAKE TAHOE RESTORATION PROGRAM.**

17 ~~“(a) DEFINITIONS.—In this section:~~

18 ~~“(1) DIRECTOR.—The term ‘Director’ means~~
19 the Director of the Office appointed under sub-
20 section (b)(2).

21 ~~“(2) ENVIRONMENTAL IMPROVEMENT PRO-~~
22 GRAM.—The term ‘Environmental Improvement Pro-
23 gram’ means the Environmental Improvement Pro-
24 gram adopted by the Tahoe Regional Planning

1 Agency, including any amendments to the Environ-
2 mental Improvement Program.

3 ~~“(3) OFFICE.—~~The term ‘Office’ means the
4 Lake Tahoe Program Office established under sub-
5 section (b)(1)(A).

6 ~~“(b) LAKE TAHOE PROGRAM.—~~

7 ~~“(1) ESTABLISHMENT.—~~

8 ~~“(A) IN GENERAL.—~~Subject to the avail-
9 ability of appropriations, the Administrator
10 shall establish within the Environmental Protec-
11 tion Agency a Lake Tahoe Program Office.

12 ~~“(B) LOCATION.—~~The Office shall be lo-
13 cated at—

14 ~~“(i) the headquarters of region 9 of~~
15 the Environmental Protection Agency; or

16 ~~“(ii) another location geographically~~
17 suitable for the purposes of carrying out
18 the grant program under subsection (c).

19 ~~“(2) DIRECTOR.—~~

20 ~~“(A) IN GENERAL.—~~The Administrator
21 shall appoint an employee of the Environmental
22 Protection Agency who, by reason of manage-
23 ment experience and technical expertise relating
24 to Lake Tahoe, shall be highly qualified to sup-
25 port the development and implementation of

1 projects, programs, and studies necessary to
2 carry out the goals of the Environmental Im-
3 provement Program as Director of the Office.

4 “(B) DELEGATION OF AUTHORITY; STAFF-
5 ING.—The Administrator shall delegate to the
6 Director such authority and provide such re-
7 sources as may be necessary to carry out this
8 section.

9 “(c) GRANT PROGRAM.—

10 “(1) IN GENERAL.—The Director may provide
11 funding through cooperative agreements, contracts,
12 interagency agreements, grants, or other means to
13 Federal, State, and regional agencies, public and
14 nonprofit agencies, institutions, and organizations
15 for activities, studies, or projects identified in the
16 Environmental Improvement Program.

17 “(2) FEDERAL SHARE.—

18 “(A) IN GENERAL.—The Federal share of
19 the total cost of an eligible activity, study, or
20 project carried out using amounts provided
21 under this section shall be not greater than 75
22 percent.

23 “(B) SOURCE OF NON-FEDERAL SHARE.—
24 The non-Federal share of the total cost of an
25 eligible activity, study, or project carried out

1 under the program shall be provided from non-
 2 Federal sources.

3 ~~“(d) FUNDING.—~~

4 ~~“(1) AUTHORIZATION OF APPROPRIATIONS.—~~

5 There is authorized to be appropriated to the Direc-
 6 tor to carry out this section \$6,000,000 for each of
 7 fiscal years 2021 through 2024.

8 ~~“(2) ADMINISTRATIVE EXPENSES.—Of the~~
 9 amounts made available to carry out this section for
 10 a fiscal year under paragraph (1), the Director may
 11 use not more than 5 percent to pay the administra-
 12 tive expenses incurred in carrying out this section.

13 ~~“(3) RELATIONSHIP TO OTHER FUNDING.—~~
 14 Nothing in this section limits the eligibility of
 15 projects identified in the Environmental Improve-
 16 ment Program to receive funding under section 319.

17 ~~“(4) PROHIBITION.—No amounts made avail-~~
 18 able under paragraph (1) may be used for the ad-
 19 ministration of a management conference under sec-
 20 tion 320.”.

21 **SEC. 3013. PUGET SOUND COORDINATED RECOVERY.**

22 Title I of the Federal Water Pollution Control Act
 23 (33 U.S.C. 1251 et seq.) (as amended by section 3012)
 24 is amended by adding at the end the following:

1 **“SEC. 126. PUGET SOUND COORDINATED RECOVERY.**

2 “(a) DEFINITIONS.—In this section:

3 “(1) DIRECTOR.—The term ‘Director’ means
4 the Director of the Program Office appointed under
5 subsection (b)(2)(A).

6 “(2) FEDERAL ACTION PLAN.—The term ‘Fed-
7 eral Action Plan’ means the interim draft report of
8 the Puget Sound Federal Task Force entitled ‘The
9 Puget Sound Federal Task Force Action Plan FY
10 2017-2021’ and accepted by the Puget Sound Fed-
11 eral Task Force on January 18, 2017.

12 “(3) INTERNATIONAL JOINT COMMISSION.—The
13 term ‘International Joint Commission’ means the
14 International Joint Commission established by the
15 Treaty Relating to the Boundary Waters and Ques-
16 tions Arising Along the Boundary Between the
17 United States and Canada, signed at Washington
18 January 11, 1909 (36 Stat. 2448; TS 548) (com-
19 monly known as the ‘Boundary Waters Treaty of
20 1909’).

21 “(4) PACIFIC SALMON COMMISSION.—The term
22 ‘Pacific Salmon Commission’ means the Pacific
23 Salmon Commission established by the United
24 States and Canada under the Treaty between the
25 Government of the United States of America and
26 the Government of Canada Concerning Pacific Salm-

on, signed at Ottawa, January 28, 1985 (TIAS 11091) (commonly known as the ‘Pacific Salmon Treaty’).

“(5) PROGRAM OFFICE.—The term ‘Program Office’ means the Puget Sound Recovery National Program Office established by subsection (b)(1).

“(6) PUGET SOUND ACTION AGENDA; ACTION AGENDA.—The terms ‘Puget Sound Action Agenda’ and ‘Action Agenda’ mean the most recent plan developed by the Puget Sound National Estuary Program Management Conference, in consultation with the Puget Sound Tribal Management Conference, and approved by the Administrator as the comprehensive conservation and management plan for Puget Sound under section 320 (including a plan developed after the date of enactment of this section).

“(7) PUGET SOUND FEDERAL TASK FORCE.—The term ‘Puget Sound Federal Task Force’ means the Puget Sound Federal Task Force established in 2016 under a memorandum of understanding among 9 Federal agencies.

“(8) PUGET SOUND NATIONAL ESTUARY PROGRAM MANAGEMENT CONFERENCE.—The term ‘Puget Sound National Estuary Program Manage-

1 ment Conference' means the management conference
2 for Puget Sound convened pursuant to section 320.

3 ~~“(9) PUGET SOUND TRIBAL MANAGEMENT CON-~~
4 ~~ERENCE.—The term ‘Puget Sound Tribal Manage-~~
5 ~~ment Conference’ means the 20 treaty Indian tribes~~
6 ~~of western Washington and the Northwest Indian~~
7 ~~Fisheries Commission.~~

8 ~~“(10) SALISH SEA.—The term ‘Salish Sea’~~
9 ~~means the network of coastal waterways on the west~~
10 ~~coast of North America that includes the Puget~~
11 ~~Sound, the Strait of Georgia, and the Strait of Juan~~
12 ~~de Fuca.~~

13 ~~“(b) PUGET SOUND RECOVERY NATIONAL PROGRAM~~
14 ~~OFFICE.—~~

15 ~~“(1) ESTABLISHMENT.—There is established in~~
16 ~~the Environmental Protection Agency an office, to~~
17 ~~be known as the ‘Puget Sound Recovery National~~
18 ~~Program Office’; which shall be located in the State~~
19 ~~of Washington.~~

20 ~~“(2) DIRECTOR.—~~

21 ~~“(A) IN GENERAL.—The Director of the~~
22 ~~Program Office shall be—~~

23 ~~“(i) appointed by the Administrator;~~
24 ~~and~~

1 “(ii) a career reserved position (as de-
 2 fined in section 3132(a) of title 5, United
 3 States Code);

4 “(B) QUALIFICATIONS.—The Director
 5 shall have leadership and project management
 6 experience and shall be highly qualified—

7 “(i) to direct the integration of mul-
 8 tiple project planning efforts and programs
 9 from different agencies and jurisdictions;
 10 and

11 “(ii) to align needs toward imple-
 12 menting a shared Action Agenda with visi-
 13 ble and measurable outcomes.

14 “(3) DELEGATION OF AUTHORITY; STAFFING.—
 15 Using amounts made available under subsection (d),
 16 the Administrator shall delegate to the Director such
 17 authority and provide such staff as may be nec-
 18 essary to carry out this section.

19 “(4) DUTIES.—The Director shall—

20 “(A) coordinate and manage the timely
 21 execution of the requirements of this section;

22 “(B) coordinate activities related to the
 23 restoration and protection of Puget Sound
 24 across the Environmental Protection Agency;

1 “(C) coordinate and align the activities of
2 the Administrator with the Action Agenda and
3 the Federal Action Plan;

4 “(D) promote the efficient use of resources
5 of the Environmental Protection Agency in pur-
6 suit of Puget Sound restoration and protection;

7 “(E) serve on the Puget Sound Federal
8 Task Force and collaborate with, help coordi-
9 nate, and carry out activities with other Federal
10 agencies that have responsibilities involving
11 Puget Sound restoration and protection;

12 “(F) provide or procure such other advice,
13 technical assistance, research, assessments,
14 monitoring, or other support as is determined
15 by the Director to be necessary or prudent—

16 “(i) to most efficiently and effectively
17 fulfill the objectives and priorities of the
18 Action Agenda and the Federal Action
19 Plan, consistent with the best available
20 science; and

21 “(ii) to ensure the health of the Puget
22 Sound ecosystem;

23 “(G) track the progress of the Environ-
24 mental Protection Agency towards meeting the
25 specified objectives and priorities of the Envi-

ronmental Protection Agency within the Action
Agenda and the Federal Action Plan;

“(H) carry out the recommendations of the
Comptroller General of the United States, as
set forth in the report entitled ‘Puget Sound
Restoration: Additional Actions Could Improve
Assessments of Progress’ and dated July 19,
2018;

“(I) serve as liaison and coordinate activi-
ties for the restoration and protection of the
Salish Sea with Canadian authorities, the Pa-
cific Salmon Commission, and the International
Joint Commission; and

“(J) carry out such additional duties as
the Administrator determines to be necessary
and appropriate.

“(e) CROSSCUT BUDGET REPORT.—

“(1) FINANCIAL REPORT.—Not later than 1
year after the date of enactment of this section, and
every 5 years thereafter, the Director of the Office
of Management and Budget, in consultation with the
Puget Sound Federal Task Force, shall, in conjunc-
tion with the annual budget submission of the Presi-
dent to Congress for the year under section 1105(a)
of title 31, United States Code, submit to Congress

1 and make available to the public, including on the
 2 internet, a financial report that is certified by the
 3 head of each agency represented on the Puget Sound
 4 Federal Task Force (referred to in this subsection
 5 as the ‘report’).

6 ~~“(2) CONTENTS.—~~The report shall contain an
 7 interagency crosscut budget relating to Puget Sound
 8 restoration and protection activities that includes—

9 ~~“(A) the proposed funding for any Federal~~
 10 restoration and protection activity to be carried
 11 out in the succeeding fiscal year, including any
 12 planned interagency or intra-agency transfer,
 13 for each of the Federal agencies that carry out
 14 restoration and protection activities;

15 ~~“(B) the estimated expenditures for Fed-~~
 16 eral restoration and protection activities from
 17 the preceding 2 fiscal years, the current fiscal
 18 year, and the succeeding fiscal year; and

19 ~~“(C) the estimated expenditures for Fed-~~
 20 eral environmental research and monitoring
 21 programs from the preceding 2 fiscal years, the
 22 current fiscal year, and the succeeding fiscal
 23 year.

24 ~~“(3) INCLUDED RECOVERY ACTIVITIES.—~~With
 25 respect to activities described in the report, the re-

1 port shall only describe activities that have funding
 2 amounts of greater than \$100,000.

3 “(4) SUBMISSION TO CONGRESS.—The Director
 4 of the Office of Management and Budget shall sub-
 5 mit the report to—

6 “(A) the Committee on Appropriations, the
 7 Committee on Natural Resources, the Com-
 8 mittee on Energy and Commerce, and the Com-
 9 mittee on Transportation and Infrastructure of
 10 the House of Representatives; and

11 “(B) the Committee on Appropriations, the
 12 Committee on Environment and Public Works,
 13 and the Committee on Commerce, Science, and
 14 Transportation of the Senate.

15 “(d) AUTHORIZATION OF APPROPRIATIONS.—In ad-
 16 dition to any other funds authorized to be appropriated
 17 for activities related to Puget Sound, there is authorized
 18 to be appropriated to carry out this section \$50,000,000
 19 for each of fiscal years 2021 through 2025.

20 “(e) PRESERVATION OF TREATY OBLIGATIONS AND
 21 EXISTING FEDERAL STATUS.—

22 “(1) TRIBAL TREATY RIGHTS.—Nothing in this
 23 section affects, or is intended to affect, any right re-
 24 served by treaty between the United States and 1 or
 25 more Indian tribes.

1 ~~“(2) OTHER FEDERAL LAW.—Nothing in this~~
 2 ~~section affects the requirements and procedures of~~
 3 ~~other Federal law.~~

4 ~~“(f) CONSISTENCY.—Actions authorized or carried~~
 5 ~~out under this section shall be consistent with other appli-~~
 6 ~~cable Federal requirements.”.~~

7 **SEC. 3014. REAUTHORIZATION OF THE DENALI COMMIS-**
 8 **SION.**

9 Section 312(a) of the Denali Commission Act of 1998
 10 ~~(42 U.S.C. 3121 note; Public Law 105–277)~~ is amended
 11 by striking “2017 through 2021” and inserting “2021
 12 through 2024”.

13 **SEC. 3015. MUNICIPAL OMBUDSMAN.**

14 Section 4 of the Water Infrastructure Improvement
 15 Act ~~(42 U.S.C. 4370j)~~ is amended—

16 ~~(1) in subsection (b)(1), by inserting “(33~~
 17 ~~U.S.C. 1251 et seq.)” after “Control Act”;~~

18 ~~(2) in subsection (c)—~~

19 ~~(A) in paragraph (2), by striking “Act;~~
 20 ~~and” and inserting “Act (33 U.S.C. 1251 et~~
 21 ~~seq.);”;~~

22 ~~(B) in paragraph (3), by striking “Act.”~~
 23 ~~and inserting “Act (33 U.S.C. 1342(s)); and”;~~
 24 ~~and~~

25 ~~(C) by adding at the end the following:~~

1 ~~“(4) establishing local funding sources, organi-~~
 2 ~~zation analyses, grant application assistance, and de-~~
 3 ~~veloping innovative funding strategies and mecha-~~
 4 ~~nisms.”; and~~
 5 ~~(3) in subsection (d)(1)(D), by inserting “(33~~
 6 ~~U.S.C. 1342(s))” after “Control Act”.~~

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

8 (a) *SHORT TITLE.*—*This Act may be cited as the*
 9 *“America’s Water Infrastructure Act of 2020”.*

10 (b) *TABLE OF CONTENTS.*—*The table of contents for*
 11 *this Act is as follows:*

Sec. 1. Short title; table of contents.

Sec. 2. Definition of Secretary.

TITLE I—WATER RESOURCES DEVELOPMENT

Subtitle A—General Provisions

Sec. 1001. Upper and Lower Missouri River comprehensive flood protection studies.

Sec. 1002. Great Lakes comprehensive flood protection study.

Sec. 1003. Additional studies under North Atlantic Coast Comprehensive Study.

Sec. 1004. Maintenance and construction of water resources development projects by non-Federal interests.

Sec. 1005. Watercraft inspection stations.

Sec. 1006. Local government reservoir permit review.

Sec. 1007. Upper Mississippi River protection.

Sec. 1008. Beneficial use of dredged material.

Sec. 1009. Klamath Basin Water Supply Enhancement Act of 2000 technical corrections.

Sec. 1010. Project modifications for improvement of environment.

Sec. 1011. Non-Federal implementation pilot program.

Sec. 1012. Thin layer placement pilot program.

Sec. 1013. Annual report to Congress on authorized studies and projects.

Sec. 1014. Annual report to Congress on water resources infrastructure.

Sec. 1015. Operation and maintenance.

Sec. 1016. Transparency and accountability in cost sharing for water resources development projects.

Sec. 1017. Continuing authority programs.

Sec. 1018. Shore damage prevention or mitigation.

Sec. 1019. Sediment management plan.

Sec. 1020. Criteria for funding environmental infrastructure projects.

Sec. 1021. Aging infrastructure.

- Sec. 1022. Expediting repairs and recovery from flooding.*
- Sec. 1023. Upper Snake River levees.*
- Sec. 1024. Uniformity of notification systems.*
- Sec. 1025. Susquehanna, Delaware, and Potomac River Basin commissions.*
- Sec. 1026. Wilmington Harbor South Disposal Area, Delaware.*
- Sec. 1027. Conveyance of Wilmington Harbor North Disposal Area, Delaware.*
- Sec. 1028. Coastal storm damage reduction contracts.*
- Sec. 1029. Corps flood policy within urban areas.*
- Sec. 1030. Reporting on over budget and behind schedule Corps projects.*
- Sec. 1031. Dam remediation for ecosystem restoration.*
- Sec. 1032. Conveyance of certain Federal land to the city of Montgomery, Alabama.*
- Sec. 1033. Maintenance of high risk flood control projects.*
- Sec. 1034. Projects to accommodate irregular dredging.*
- Sec. 1035. Chesapeake Bay environmental restoration and protection program.*
- Sec. 1036. Implementation guidance; reports; and briefings.*
- Sec. 1037. Interagency task force on low-head dams and fish passages.*
- Sec. 1038. Project completion.*
- Sec. 1039. Levee accreditation process; levee certifications.*
- Sec. 1040. Rehabilitation of flood control pump stations affecting Corps of Engineers flood risk management projects.*
- Sec. 1041. Brandon Road study.*
- Sec. 1042. Credit or reimbursement.*
- Sec. 1043. Emergency contracting.*
- Sec. 1044. Project partnership agreement.*
- Sec. 1045. Acceptance of funds for harbor dredging.*
- Sec. 1046. Emergency flooding protection for lakes.*
- Sec. 1047. Levee safety.*
- Sec. 1048. Replacement capacity.*
- Sec. 1049. Implementation guidance for post-flood improvements.*
- Sec. 1050. Willamette Valley Project water reallocation.*
- Sec. 1051. Central Appalachia water.*
- Sec. 1052. Reviewing hydropower at Corps of Engineers facilities.*
- Sec. 1053. Establishing permanent features from emergency response measures.*
- Sec. 1054. Studies of water resources development projects by non-Federal interests.*
- Sec. 1055. Subsurface drain systems research and development.*
- Sec. 1056. Limitation on contract execution in the Arkansas River Basin.*
- Sec. 1057. Support for mitigation efforts for small dams in National Heritage Corridors.*
- Sec. 1058. Report on barriers to infrastructure development at United States ports.*
- Sec. 1059. Rye Harbor, New Hampshire, navigation improvement project.*
- Sec. 1060. Cape Arundel disposal site, Maine.*
- Sec. 1061. Rio Grande environmental management program, Colorado, New Mexico, and Texas.*
- Sec. 1062. Restoration of abandoned sites.*
- Sec. 1063. Rural Western water.*
- Sec. 1064. Thad Cochran Lock and Dam.*
- Sec. 1065. Report on Corps of Engineers facilities in Appalachia.*
- Sec. 1066. Report on Corps of Engineers hydropower facilities in Appalachia.*
- Sec. 1067. Harris County, Texas.*
- Sec. 1068. Identification of nonpowered dams for hydropower development.*
- Sec. 1069. Inland Waterway Transportation.*
- Sec. 1070. Federal interest determination.*

- Sec. 1071. Report on single levee standard.*
- Sec. 1072. South Atlantic Coastal Study.*
- Sec. 1073. Completion of reports.*
- Sec. 1074. Delegation of work for Comprehensive Everglades Restoration Plan projects.*
- Sec. 1075. Material breaches of contract.*
- Sec. 1076. Repair and restoration of embankments.*
- Sec. 1077. Non-Federal interest repayment obligations.*
- Sec. 1078. Great Lakes confined disposal facilities.*
- Sec. 1079. Coastal mapping.*
- Sec. 1080. Disposal of dredged materials.*
- Sec. 1081. Upper Missouri River Basin mainstem dam fish loss research.*
- Sec. 1082. Briefings on dissemination of information.*
- Sec. 1083. Corps of Engineers projects in underserved communities, economically distressed areas, or rural areas.*
- Sec. 1084. Interim risk reduction measures.*
- Sec. 1085. Maintenance dredging permits.*
- Sec. 1086. Technical correction.*
- Sec. 1087. Annual debris removal.*
- Sec. 1088. Enhanced development demonstration program.*
- Sec. 1089. Report on benefits calculation for flood control structures.*
- Sec. 1090. High water-low water preparedness.*
- Sec. 1091. East Rockaway Inlet to Rockaway Inlet and Jamaica Bay Reformulation, New York.*
- Sec. 1092. Report on antecedent hydrologic conditions.*
- Sec. 1093. Harmful algal blooms demonstration program.*
- Sec. 1094. Sense of Congress relating to annual maintenance dredging.*
- Sec. 1095. Selection of dredged material disposal method for certain purposes.*
- Sec. 1096. Increasing access for recreation at Corps of Engineers projects.*
- Sec. 1097. Extinguishment of flowage easements, Rough River Lake, Kentucky.*
- Sec. 1098. Small flood control projects.*
- Sec. 1099. Comprehensive study of Mississippi River System from Old River Control Structure to Gulf of Mexico.*
- Sec. 1100. Missouri River.*
- Sec. 1101. Flexibility for projects.*
- Sec. 1102. Development of categorical exclusions.*
- Sec. 1103. Publication of fee schedules.*
- Sec. 1104. Flood protection projects.*
- Sec. 1105. Rehabilitation of high hazard potential dams.*
- Sec. 1106. Backlog prevention.*
- Sec. 1107. Lease terms for commercial concession leases.*

Subtitle B—Studies and Reports

- Sec. 1201. Authorization of proposed feasibility studies and modifications.*
- Sec. 1202. Expedited completion.*
- Sec. 1203. Inclusion of certain projects in annual report to Congress.*
- Sec. 1204. Assistance to non-Federal sponsors.*
- Sec. 1205. Rahway flood risk management feasibility study, New Jersey.*
- Sec. 1206. Arctic deep draft port.*
- Sec. 1207. Nassau County Back Bays coastal storm risk management.*

Subtitle C—Deauthorizations, Modifications, and Related Provisions

- Sec. 1301. Deauthorization of Watch Hill Cove, Rhode Island and Connecticut.*
- Sec. 1302. Rush River and Lower Rush River, North Dakota.*

- Sec. 1303. Willamette Falls Locks, Willamette River, Oregon.*
- Sec. 1304. Camden Harbor, Maine.*
- Sec. 1305. Deauthorization of flood control project for Taylor Creek Reservoir and Levee L-73, Upper St. Johns River Basin, Central and Southern Florida.*
- Sec. 1306. New London Harbor Waterfront Channel, Connecticut.*
- Sec. 1307. No deauthorization of certain projects.*
- Sec. 1308. Comprehensive Everglades Restoration Plan.*
- Sec. 1309. Cape Porpoise Harbor, Maine, Anchorage Area designation.*
- Sec. 1310. Sacramento River, Glenn-Colusa, California.*

Subtitle D—Water Resources Infrastructure

- Sec. 1401. Project authorizations.*
- Sec. 1402. Expedited completion of certain projects.*
- Sec. 1403. Additional project authorizations.*
- Sec. 1404. Treatment of project.*

Subtitle E—Water Supply and Storage

- Sec. 1501. Small water storage projects.*
- Sec. 1502. Missouri River reservoir sediment management.*
- Sec. 1503. Planning Assistance for States.*
- Sec. 1504. Forecast-informed reservoir operations.*
- Sec. 1505. Study on data for water allocation, supply, and demand.*
- Sec. 1506. GAO report on certain Federal dams and reservoirs.*
- Sec. 1507. Aquatic ecosystem restoration.*
- Sec. 1508. Improving reviews for non-Federal hydropower at existing Corps of Engineers projects.*
- Sec. 1509. Surplus water contracts and water storage agreements.*
- Sec. 1510. Reduced pricing for certain water supply storage.*

Subtitle F—Invasive Species

- Sec. 1601. Definition of invasive species.*
- Sec. 1602. Invasive species in impaired waters.*
- Sec. 1603. Aquatic invasive species research.*
- Sec. 1604. Invasive species mitigation and reduction.*
- Sec. 1605. Terrestrial noxious weed control pilot program.*
- Sec. 1606. Invasive species risk assessment, prioritization, and management.*
- Sec. 1607. Asian carp prevention and control pilot program.*
- Sec. 1608. Aquatic invasive species prevention.*
- Sec. 1609. Invasive species in alpine lakes pilot program.*
- Sec. 1610. Invasive species in noncontiguous States and territories pilot program.*

TITLE II—CLEAN WATER

- Sec. 2001. Clean water infrastructure resiliency and sustainability program.*
- Sec. 2002. Increased funding for technical assistance.*
- Sec. 2003. Small and medium publicly owned treatment works circuit rider program.*
- Sec. 2004. Small publicly owned treatment works efficiency grant program.*
- Sec. 2005. Wastewater efficiency grant pilot program.*
- Sec. 2006. Pilot program for alternative water source projects.*
- Sec. 2007. Sewer overflow and stormwater reuse municipal grants.*
- Sec. 2008. Water infrastructure and workforce investment.*
- Sec. 2009. Water Resources Research Act amendments.*

- Sec. 2010. Grants for construction, refurbishing, and servicing of individual household decentralized wastewater systems for individuals with low or moderate income.*
- Sec. 2011. Connection to publicly owned treatment works.*
- Sec. 2012. Use of clean water State revolving loan funds.*
- Sec. 2013. Water data sharing pilot program.*
- Sec. 2014. Water infrastructure financing reauthorization.*
- Sec. 2015. Final rating opinion letters.*
- Sec. 2016. Reauthorization of clean water State revolving funds.*
- Sec. 2017. Wastewater infrastructure discretionary grant program.*
- Sec. 2018. Small and disadvantaged community analysis.*
- Sec. 2019. Stormwater infrastructure technology.*
- Sec. 2020. Grants to Alaska to improve sanitation in rural and native villages.*
- Sec. 2021. Wastewater infrastructure grants.*
- Sec. 2022. Water reuse interagency working group.*

TITLE III—TRIBAL AND OTHER MATTERS

- Sec. 3001. Tribal partnership program.*
- Sec. 3002. Cost sharing provisions for territories and Indian tribes.*
- Sec. 3003. Inclusion of Tribal interests in project consultations.*
- Sec. 3004. Indian Irrigation Fund reauthorization.*
- Sec. 3005. Reauthorization of repair, replacement, and maintenance of certain Indian irrigation projects.*
- Sec. 3006. Grants to ports to reduce emissions from waterborne vessels.*
- Sec. 3007. Mapping and screening tool.*
- Sec. 3008. Assessment of coastal water infrastructure vulnerabilities.*
- Sec. 3009. Report on potential for blue energy at coastal wastewater treatment plants.*
- Sec. 3010. Great Lakes Restoration Initiative.*
- Sec. 3011. San Francisco Bay restoration.*
- Sec. 3012. Lake Tahoe restoration program.*
- Sec. 3013. Puget Sound coordinated recovery.*
- Sec. 3014. Reauthorization of the Denali Commission.*
- Sec. 3015. Municipal ombudsman.*
- Sec. 3016. National Estuary Program.*

1 SEC. 2. DEFINITION OF SECRETARY.

- 2***In this Act, the term “Secretary” means the Secretary*
- 3***of the Army.*

***TITLE I—WATER RESOURCES
DEVELOPMENT***

Subtitle A—General Provisions

***SEC. 1001. UPPER AND LOWER MISSOURI RIVER COM-
PREHENSIVE FLOOD PROTECTION STUDIES.***

*(a) DEFINITION OF MISSOURI RIVER PROJECT.—In
this section, the term “Missouri River project” means—*

(1) a project constructed as part of—

*(A) the Pick-Sloan Missouri River Basin
Program authorized by section 9(b) of the Act of
December 22, 1944 (commonly known as the
“Flood Control Act of 1944”) (58 Stat. 891,
chapter 665); or*

*(B) the Missouri River Bank Stabilization
and Navigation Project authorized by section 2
of the Act of March 2, 1945 (commonly known
as the “River and Harbor Act of 1945”) (59
Stat. 19, chapter 19); and*

*(2) a locally owned or operated levee system lo-
cated within the Upper or Lower Missouri River
basin.*

*(b) DEVELOPMENT.—The Secretary, in collaboration
with the heads of other relevant Federal agencies, shall con-
duct, and submit to Congress a comprehensive strategy and
report that describes the results of and aligns the rec-*

1 ommendations of, 2 comprehensive studies to address flood
2 risk in areas affected by severe flooding in 2019 along the
3 Upper and Lower Missouri River, including an examina-
4 tion of—

5 (1) the use of structural and nonstructural flood
6 control and floodplain management strategies, includ-
7 ing the consideration of natural features or nature-
8 based features (as those terms are defined in section
9 1184(a) of the Water Infrastructure Improvements for
10 the Nation Act (33 U.S.C. 2289a(a)));

11 (2) continued operation and maintenance of the
12 navigation project;

13 (3) management of bank caving and erosion;

14 (4) maintenance of water supply;

15 (5) fish and wildlife habitat management;

16 (6) recreation needs;

17 (7) environmental restoration needs;

18 (8) the division of responsibilities of the Federal
19 Government and non-Federal interests with respect to
20 Missouri River flooding;

21 (9) the roles and responsibilities of Federal agen-
22 cies with respect to Missouri River flooding; and

23 (10) any other related matters, as determined by
24 the Secretary.

1 (c) *CONTENTS.—The studies conducted under sub-*
 2 *section (b) shall—*

3 (1) *include 1 study for the Upper Missouri River*
 4 *and 1 study for the Lower Missouri River;*

5 (2) *include recommendations on management*
 6 *plans and actions to be carried out by the responsible*
 7 *Federal agencies to reduce flood risk and improve re-*
 8 *siliency that shall be used in recommending projects*
 9 *for construction authorization;*

10 (3) *address whether changes are necessary to the*
 11 *general comprehensive plan for flood control and other*
 12 *purposes in the Missouri River Basin under section*
 13 *4 of the Act of June 28, 1938 (52 Stat. 1218, chapter*
 14 *795) and modified by section 9(b) of the Act of De-*
 15 *cember 22, 1944 (commonly known as the “Flood*
 16 *Control Act of 1944”)* (58 Stat. 891, chapter 665);

17 (4) *address the potential for the transfer of flood*
 18 *risk between and within the Upper and Lower Mis-*
 19 *souri River Basin for any changes recommended*
 20 *under paragraph (3);*

21 (5) *address adverse impacts to navigation and*
 22 *other authorized purposes of the applicable Missouri*
 23 *River project for any changes recommended under*
 24 *paragraph (3);*

1 (6) *address whether there are opportunities for*
 2 *increased non-Federal management in the Missouri*
 3 *River Basin;*

4 (7) *recognize the interest and rights of States*
 5 *in—*

6 (A) *determining the development of water-*
 7 *sheds within the borders of the State; and*

8 (B) *water utilization and control;*

9 (8) *recognize the primary responsibilities of*
 10 *States and local interests in developing water supplies*
 11 *for domestic, municipal, industrial, and other pur-*
 12 *poses; and*

13 (9) *include recommendations for—*

14 (A) *non-Federal and Federal action where*
 15 *appropriate; and*

16 (B) *follow-up studies for problem areas for*
 17 *which data or current technology does not allow*
 18 *immediate solutions.*

19 (d) *FURTHER ANALYSIS.—*

20 (1) *IN GENERAL.—As part of the studies con-*
 21 *ducted under subsection (b), the Secretary shall—*

22 (A) *identify institutional and other barriers*
 23 *to providing protection to the areas evaluated in*
 24 *the studies;*

1 (B) carry out activities that warrant addi-
 2 tional analysis by the Corps of Engineers, in-
 3 cluding feasibility studies; and

4 (C) provide recommendations for inclusion
 5 of projects and feasibility studies in the report
 6 under section 1013.

7 (2) *TREATMENT.*—A feasibility study carried out
 8 under paragraph (1)(B)—

9 (A) shall be considered to be a continuation
 10 of the applicable study under subsection (b); and

11 (B) may be carried out concurrently with
 12 the study under subsection (b).

13 (3) *COST-SHARE.*—

14 (A) *IN GENERAL.*—Except as provided in
 15 subparagraph (B), the non-Federal share of the
 16 cost of carrying out a feasibility study under
 17 paragraph (1)(B) shall not be more than 35 per-
 18 cent.

19 (B) *WAIVER FOR SMALL OR DISADVAN-*
 20 *TAGED COMMUNITIES.*—In carrying out a feasi-
 21 bility study under paragraph (1)(B) in partner-
 22 ship with a small community or a disadvan-
 23 taged community (as those terms are defined in
 24 section 1017(a)(1)), if the Secretary determines
 25 that the life safety or economic viability of the

community is at risk, the Secretary shall reduce the non-Federal cost share applicable to the study through a mutual agreement between the Corps of Engineers and the non-Federal interest, in an amount that is—

(i) not less than 10 percent of the total project cost; and

(ii) up to 100 percent of the non-Federal cost share applicable to the study.

(4) *TIMELINESS.*—The Secretary shall carry out feasibility studies under paragraph (1)(B) as expeditiously as possible.

(5) *DELEGATION OF APPROVAL.*—The Secretary shall delegate the approval authority for initiating any feasibility study under paragraph (1)(B) to the Commander of the Northwestern Division of the Corps of Engineers.

(e) *CONSULTATION; USE OF EXISTING DATA.*—

(1) *CONSULTATION.*—In conducting the studies under subsection (b), the Secretary shall consult with applicable Federal and State agencies, Indian Tribes, and other stakeholders.

(2) *USE OF DATA.*—In conducting the studies under subsection (b), the Secretary shall make maximum use of data in existence on the date of enact-

1 *ment of this Act and ongoing programs and efforts of*
 2 *Federal agencies, States, Indian Tribes, and other*
 3 *stakeholders.*

4 *(f) COST SHARING.—The studies conducted under sub-*
 5 *section (b) shall be at full Federal expense.*

6 *(g) APPLICATION OF CERTAIN REQUIREMENTS.—Sec-*
 7 *tion 1001(a) of the Water Resources Reform and Develop-*
 8 *ment Act of 2014 (33 U.S.C. 2282c(a))—*

9 *(1) shall not apply to the studies conducted*
 10 *under subsection (b); and*

11 *(2) shall apply to a feasibility study carried out*
 12 *under subsection (d)(1)(B).*

13 *(h) REPORTS.—The Secretary shall submit to Con-*
 14 *gress—*

15 *(1) an interim report on the results of the studies*
 16 *under subsection (b) by not later than 1 year after the*
 17 *date of enactment of this Act; and*

18 *(2) a final report on the results of the studies*
 19 *under subsection (b) by not later than 3 years after*
 20 *the date of enactment of this Act.*

21 *(i) AUTHORIZATION OF APPROPRIATIONS.—There is*
 22 *authorized to be appropriated to carry out this section*
 23 *\$50,000,000, to remain available until expended.*

1 **SEC. 1002. GREAT LAKES COMPREHENSIVE FLOOD PROTEC-**
2 **TION STUDY.**

3 (a) *DEFINITION OF GREAT LAKES.*—*In this section,*
4 *the term “Great Lakes” has the meaning given the term*
5 *in section 118(a) of the Federal Water Pollution Control*
6 *Act (33 U.S.C. 1268(a)).*

7 (b) *DEVELOPMENT.*—*The Secretary, in collaboration*
8 *with the heads of other relevant Federal agencies, shall con-*
9 *duct and submit to Congress a comprehensive study to ad-*
10 *dress shoreline protection and resiliency in areas affected*
11 *by flooding in 2019 due to high lake water levels along the*
12 *Great Lakes, including an examination of—*

13 (1) *the use of structural and nonstructural coast-*
14 *al storm and flood risk management measures and*
15 *flood zone management strategies, including the con-*
16 *sideration of natural features or nature-based features*
17 *(as those terms are defined in section 1184(a) of the*
18 *Water Infrastructure Improvements for the Nation*
19 *Act (33 U.S.C. 2289a(a))*);

20 (2) *continued operation and maintenance of*
21 *navigation projects within or along the Great Lakes*
22 *impacted by flooding related to high water levels;*

23 (3) *management of shoreline caving and erosion;*

24 (4) *recreation needs;*

25 (5) *environmental restoration needs;*

1 (6) *the division of responsibilities of the Federal*
 2 *Government and non-Federal interests with respect to*
 3 *Great Lakes coastal storm and flood risk management*
 4 *measures;*

5 (7) *the roles and responsibilities of Federal agen-*
 6 *cies with respect to Great Lakes coastal storm and*
 7 *flood risk management measures; and*

8 (8) *other related matters, as determined by the*
 9 *Secretary.*

10 (c) *CONTENTS.—The study under subsection (b)*
 11 *shall—*

12 (1) *include recommendations on management*
 13 *plans and actions to be carried out by the responsible*
 14 *Federal agencies for reducing flood risk and improv-*
 15 *ing resiliency that shall—*

16 (A) *be used in recommending projects for*
 17 *construction authorization; and*

18 (B) *include the identification of—*

19 (i) *additional work that can be carried*
 20 *out by the Corps of Engineers under exist-*
 21 *ing authorities to further reduce flood risk;*
 22 *and*

23 (ii) *additional studies that may be*
 24 *needed;*

25 (2) *address whether changes are necessary to—*

1 (A) the management plan for the Great
2 Lakes; and

3 (B) the management plans for individual
4 lakes of the Great Lakes;

5 (3) address whether there are opportunities for
6 increased non-Federal management in the Great
7 Lakes; and

8 (4) include recommendations for—

9 (A) non-Federal and Federal action, where
10 appropriate; and

11 (B) follow-up studies for problem areas for
12 which data or current technology does not allow
13 immediate solutions.

14 (d) *FURTHER ANALYSIS.*—

15 (1) *IN GENERAL.*—As part of the study con-
16 ducted under subsection (b), the Secretary shall—

17 (A) identify institutional and other barriers
18 to providing protection to the areas evaluated in
19 the study;

20 (B) carry out activities that warrant addi-
21 tional analysis by the Corps of Engineers, in-
22 cluding feasibility studies; and

23 (C) provide recommendations for inclusion
24 of projects and feasibility studies in the report
25 under section 1013.

1 (2) *TREATMENT.*—*A feasibility study carried out*
2 *under paragraph (1)(B)—*

3 *(A) shall be considered to be a continuation*
4 *of the study under subsection (b); and*

5 *(B) may be carried out concurrently with*
6 *the study under subsection (b).*

7 (3) *PRIORITY.*—*In carrying out activities under*
8 *paragraph (1)(B), the Secretary shall give priority to*
9 *activities—*

10 *(A) related to infrastructure projects that*
11 *are necessary to protect critical public infra-*
12 *structure, communities, and critical natural or*
13 *cultural resources; or*

14 *(B) for which a non-Federal interest has*
15 *taken substantial emergency action to reduce fur-*
16 *ther damage to failed shore protection revetments*
17 *and to mitigate threats to life safety.*

18 (4) *COST-SHARE.*—

19 *(A) IN GENERAL.*—*The non-Federal share of*
20 *the cost of carrying out a feasibility study under*
21 *paragraph (1)(B) shall not be more than 35 per-*
22 *cent.*

23 *(B) WAIVER FOR SMALL OR DISADVAN-*
24 *TAGED COMMUNITIES.*—*In carrying out a feasi-*
25 *bility study under paragraph (1)(B) in partner-*

1 *ship with a small or disadvantaged community*
 2 *(as those terms are defined in section 1017(a)),*
 3 *if the Secretary determines the life safety or eco-*
 4 *nomics viability of the community is at risk, the*
 5 *Secretary shall reduce the non-Federal cost share*
 6 *applicable to the study through a mutual agree-*
 7 *ment between the Corps of Engineers and the*
 8 *non-Federal interest, in an amount that is—*

9 *(i) not less than 10 percent of the total*
 10 *project cost; and*

11 *(ii) up to 100 percent of the non-Fed-*
 12 *eral cost share applicable to the study.*

13 *(5) TIMELINESS.—The Secretary shall carry out*
 14 *feasibility studies under paragraph (1)(B) as expedi-*
 15 *tiously as possible, including by concurrently con-*
 16 *ducting feasibility studies and subsequently author-*
 17 *ized construction activities where advisable.*

18 *(6) DELEGATION OF APPROVAL.—The Secretary*
 19 *shall delegate the approval authority for any feasi-*
 20 *bility study conducted under paragraph (1)(B) to the*
 21 *appropriate Division Commander of the Corps of En-*
 22 *gineers.*

23 *(e) CONSULTATION; USE OF EXISTING DATA.—*

24 *(1) CONSULTATION.—In conducting the study*
 25 *under subsection (b), the Secretary shall consult with*

9 (f) *COST SHARING.*—The study conducted under sub-
10 section (b) shall be at full Federal expense.

14 (1) shall not apply to the studies conducted
15 under subsection (b); and

18 (h) *AUTHORIZATION OF APPROPRIATIONS.—There is*
19 *authorized to be appropriated to carry out subsection (b)*
20 *\$50,000,000, to remain available until expended.*

21 *SEC. 1003. ADDITIONAL STUDIES UNDER NORTH ATLANTIC*
22 *COAST COMPREHENSIVE STUDY.*

23 (a) *IN GENERAL.*—The Secretary shall carry out a
24 study to determine the feasibility of a project for hurricane
25 and storm damage risk reduction for any major metropoli-

1 *tan area located in the study area for the comprehensive*
 2 *study authorized under the heading “INVESTIGATIONS”*
 3 *under the heading “CORPS OF ENGINEERS—CIVIL” under*
 4 *the heading “DEPARTMENT OF THE ARMY” under title*
 5 *X of division A of Public Law 113–2 (127 Stat. 23) that*
 6 *was not included in a high-risk focus area identified in the*
 7 *study.*

8 (b) *TREATMENT.*—*A study carried out under sub-*
 9 *section (a) shall be considered to be a continuation of the*
 10 *comprehensive study described in that subsection.*

11 **SEC. 1004. MAINTENANCE AND CONSTRUCTION OF WATER**
 12 **RESOURCES DEVELOPMENT PROJECTS BY**
 13 **NON-FEDERAL INTERESTS.**

14 *Section 204(c)(1) of the Water Resources Development*
 15 *Act of 1986 (33 U.S.C. 2232(c)(1)) is amended by striking*
 16 *“under subsection (b)” and inserting “under this section”.*

17 **SEC. 1005. WATERCRAFT INSPECTION STATIONS.**

18 *Section 104(d)(1)(A)(iii) of the River and Harbor Act*
 19 *of 1958 (33 U.S.C. 610(d)(1)(A)(iii)) is amended by strik-*
 20 *ing “Arizona River” and inserting “Arkansas River”.*

21 **SEC. 1006. LOCAL GOVERNMENT RESERVOIR PERMIT RE-**
 22 **VIEW.**

23 *Section 1119(b) of the America’s Water Infrastructure*
 24 *Act of 2018 (33 U.S.C. 2347 note; Public Law 115–270)*

1 *is amended by striking “owned or operated by the Sec-*
 2 *retary”.*

3 **SEC. 1007. UPPER MISSISSIPPI RIVER PROTECTION.**

4 *Section 2010(e) of the Water Resources Reform and*
 5 *Development Act of 2014 (128 Stat. 1270; 132 Stat. 3812)*
 6 *is amended by striking “the Act of October 15, 1940 (33*
 7 *U.S.C. 701h–1)” and inserting “section 5 of the Act of June*
 8 *22, 1936 (commonly known as the ‘Flood Control Act of*
 9 *1936’) (49 Stat. 1572, chapter 688; 33 U.S.C. 701h)”.*

10 **SEC. 1008. BENEFICIAL USE OF DREDGED MATERIAL.**

11 *Section 1148 of the America’s Water Infrastructure*
 12 *Act of 2018 (33 U.S.C. 2326 note; Public Law 115–270)*
 13 *is amended—*

14 *(1) in subsection (a)—*

15 *(A) by striking “grant” and inserting “ap-*
 16 *prove”; and*

17 *(B) by striking “granting” and inserting*
 18 *“approving”; and*

19 *(2) in subsection (b), by striking “grants” and*
 20 *inserting “approves”.*

21 **SEC. 1009. KLAMATH BASIN WATER SUPPLY ENHANCEMENT**

22 **ACT OF 2000 TECHNICAL CORRECTIONS.**

23 *Section 4(b) of the Klamath Basin Water Supply En-*
 24 *hancement Act of 2000 (114 Stat. 2222; 132 Stat. 3887)*
 25 *is amended—*

1 (1) in paragraph (1)—

2 (A) in the matter preceding subparagraph

3 (A)—

4 (i) by striking “Pursuant to the rec-

5 lamation laws and subject” and inserting

6 “Subject”; and

7 (ii) by striking “may” and inserting

8 “is authorized to”; and

9 (B) in subparagraph (A), by inserting “,

10 including conservation and efficiency measures,

11 land idling, and use of groundwater,” after “ad-

12 minister programs”;

13 (2) in paragraph (3)(A), by inserting “and”

14 after the semicolon at the end;

15 (3) by redesignating the second paragraph (4)

16 (relating to the effect of the subsection) as paragraph

17 (5); and

18 (4) in paragraph (5) (as so redesignated)—

19 (A) by striking subparagraph (B);

20 (B) in subparagraph (A), by striking “; or”

21 and inserting a period; and

22 (C) by striking “the Secretary—” and all

23 that follows through “to develop” in subpara-

24 graph (A) and inserting “the Secretary to de-

25 velop”.

1 **SEC. 1010. PROJECT MODIFICATIONS FOR IMPROVEMENT**
 2 **OF ENVIRONMENT.**

3 *Section 1203(g) of the America’s Water Infrastructure*
 4 *Act of 2018 (132 Stat. 3805) is amended, in the matter*
 5 *preceding paragraph (1), by striking “For fiscal years 2019*
 6 *and 2020” and inserting “Until September 30, 2026”.*

7 **SEC. 1011. NON-FEDERAL IMPLEMENTATION PILOT PRO-**
 8 **GRAM.**

9 *Section 1043 of the Water Resources Reform and De-*
 10 *velopment Act of 2014 (33 U.S.C. 2201 note; Public Law*
 11 *113–121) is amended—*

12 *(1) in subsection (a)—*

13 *(A) in paragraph (4), by striking “this Act”*
 14 *and inserting “the America’s Water Infrastruc-*
 15 *ture Act of 2020”;*

16 *(B) in paragraph (7), by striking “the date*
 17 *that is” and all that follows through the period*
 18 *at the end and inserting “December 31, 2026.”;*
 19 *and*

20 *(C) in paragraph (8), by striking “2019”*
 21 *and inserting “2026”; and*

22 *(2) in subsection (b)—*

23 *(A) in paragraph (3)(A), by striking “this*
 24 *Act” each place it appears and inserting “the*
 25 *America’s Water Infrastructure Act of 2020”;*

1 (B) in paragraph (4), by striking “this
2 Act” and inserting “the America’s Water Infra-
3 structure Act of 2020”;

4 (C) in paragraph (7), by striking “the date
5 that is” and all that follows through the period
6 at the end and inserting “December 31, 2026.”;
7 and

8 (D) in paragraph (8), by striking “2023”
9 and inserting “2026”.

10 **SEC. 1012. THIN LAYER PLACEMENT PILOT PROGRAM.**

11 Section 1122 of the Water Infrastructure Improve-
12 ments for the Nation Act (33 U.S.C. 2326 note; Public Law
13 114–322) is amended—

14 (1) in subsection (b)(1), by striking “20 projects
15 for the beneficial use of dredged material” and insert-
16 ing “40 projects for the beneficial use of dredged ma-
17 terial, 10 of which shall be projects using thin layer
18 placement of dredged fine and coarse grain sediment
19 for the maintenance and restoration of wetlands”;
20 and

21 (2) in subsection (g), by striking “20” and in-
22 serting “40”.

1 **SEC. 1013. ANNUAL REPORT TO CONGRESS ON AUTHOR-**
 2 **IZED STUDIES AND PROJECTS.**

3 (a) *IN GENERAL.*—Not later than February 1 of each
 4 year, the Secretary shall develop and submit to the Commit-
 5 tees on Appropriations and Environment and Public Works
 6 of the Senate and the Committees on Appropriations and
 7 Transportation and Infrastructure of the House of Rep-
 8 resentatives an annual report, to be entitled “Report to
 9 Congress on Water Resources Development Projects and
 10 Studies Available for Appropriation”, that identifies each
 11 authorized study or authorized water resources development
 12 project that—

13 (1) is submitted to the Secretary by a non-Fed-
 14 eral interest pursuant to subsection (b); and

15 (2) meets the criteria established under sub-
 16 section (c)(1)(A).

17 (b) *REQUESTS FOR PROPOSALS.*—

18 (1) *PUBLICATION.*—Not later than May 1 of each
 19 year, the Secretary shall publish in the Federal Reg-
 20 ister a notice requesting proposals from non-Federal
 21 interests for authorized studies and authorized water
 22 resources development projects to be included in the
 23 annual report.

24 (2) *DEADLINE FOR REQUESTS.*—The Secretary
 25 shall include in each notice under this subsection a
 26 requirement that non-Federal interests submit to the

1 *Secretary any proposals described in paragraph (1)*
2 *by not later than 120 days after the date of publica-*
3 *tion of the notice in the Federal Register in order for*
4 *the proposals to be considered for inclusion in the an-*
5 *nual report.*

6 (3) *NOTIFICATION.—On the date of publication*
7 *of each notice required by this subsection, the Sec-*
8 *retary shall—*

9 (A) *make the notice publicly available, in-*
10 *cluding on the Internet; and*

11 (B) *provide written notification of the pub-*
12 *lication to the Committees on Appropriations*
13 *and Environment and Public Works of the Sen-*
14 *ate and the Committees on Appropriations and*
15 *Transportation and Infrastructure of the House*
16 *of Representatives.*

17 (c) *CONTENTS.—*

18 (1) *INCLUSIONS.—*

19 (A) *CRITERIA.—The Secretary shall include*
20 *in the annual report only an authorized study or*
21 *authorized water resources development project—*

22 (i) *that has been authorized by Con-*
23 *gress and does not require any additional*
24 *authorization to be carried out;*

1 (ii) for which funds may be appro-
 2 priated under any of the Investigations,
 3 Construction, Operation and Maintenance,
 4 or Mississippi River and Tributaries appro-
 5 priations accounts for the Corps of Engi-
 6 neers; and

7 (iii) for which the non-Federal inter-
 8 est—

9 (I) in the case of a study or a
 10 project other than a project for which
 11 funds may be appropriated for oper-
 12 ation and maintenance, has entered
 13 into, or is willing to enter into, a fea-
 14 sibility cost-sharing agreement, design
 15 agreement, or project partnership
 16 agreement with the Corps of Engineers;
 17 and

18 (II) demonstrates the legal and fi-
 19 nancial capability to satisfy the re-
 20 quirements of local cooperation for the
 21 study or project.

22 (B) DESCRIPTION OF BENEFITS.—

23 (i) DESCRIPTION.—The Secretary shall
 24 describe in the annual report, to the extent
 25 applicable and practicable, for each author-

1 *ized study and authorized water resources*
 2 *development project included in the annual*
 3 *report, the benefits, as described in clause*
 4 *(ii), of each authorized study or project.*

5 *(ii) BENEFITS.—The benefits referred*
 6 *to in clause (i) are benefits to—*

7 *(I) the protection of human life*
 8 *and property;*

9 *(II) improvement to transpor-*
 10 *tation;*

11 *(III) the national, regional, or*
 12 *local economy;*

13 *(IV) the environment; or*

14 *(V) the national security interests*
 15 *of the United States.*

16 *(2) TRANSPARENCY.—The Secretary shall in-*
 17 *clude in the annual report, for each authorized study*
 18 *and authorized water resources development project*
 19 *included under paragraph (1)(A)—*

20 *(A) the name of the associated non-Federal*
 21 *interest, including the name of any non-Federal*
 22 *interest that has contributed, or is expected to*
 23 *contribute, a non-Federal share of the cost of the*
 24 *authorized study or authorized water resources*
 25 *development project;*

1 (B) the purpose of the authorized study or
2 authorized water resources development project;

3 (C) an estimate, to the extent practicable, of
4 the Federal, non-Federal, and total costs of the
5 authorized study or authorized water resources
6 development project, including, to the extent
7 practicable, the fully funded capability of the
8 Corps of Engineers for—

9 (i) the 3 fiscal years following the fis-
10 cal year in which the report is submitted,
11 in the case of an authorized study; and

12 (ii) the 5 fiscal years following the fis-
13 cal year in which the report is submitted,
14 in the case of an authorized water resources
15 development project; and

16 (D) an estimate, to the extent practicable, of
17 the monetary and nonmonetary benefits of the
18 authorized study or authorized water resources
19 development project.

20 (3) CERTIFICATION.—The Secretary shall include
21 in the annual report a certification stating that each
22 authorized study or authorized water resources devel-
23 opment project included in the annual report meets
24 the criteria established under paragraph (1)(A).

25 (4) APPENDIX.—

1 (A) *IN GENERAL.*—*The Secretary shall in-*
2 *clude in the annual report an appendix listing*
3 *the proposals submitted under subsection (b) that*
4 *were not included in the annual report under*
5 *paragraph (1)(A) and a description of why the*
6 *Secretary determined that those proposals did*
7 *not meet the criteria for inclusion under that*
8 *paragraph.*

9 (B) *LIMITATION.*—*In carrying out subpara-*
10 *graph (A), the Secretary shall not include pro-*
11 *posals in the appendix of the annual report that*
12 *otherwise meet the criteria for inclusion in the*
13 *annual report solely on the basis of a policy of*
14 *the Secretary.*

15 (d) *SPECIAL RULE FOR INITIAL ANNUAL REPORT.*—

16 *Notwithstanding any other deadline under this section, the*
17 *Secretary shall—*

18 (1) *not later than 60 days after the date of en-*
19 *actment of this Act, publish in the Federal Register*
20 *a notice under subsection (b)(1); and*

21 (2) *include in the notice a requirement that non-*
22 *Federal interests submit to the Secretary any pro-*
23 *posals described in subsection (b)(1) by not later than*
24 *120 days after the date of publication of the notice in*
25 *the Federal Register in order for the proposals to be*

1 *considered for inclusion in the first annual report de-*
 2 *veloped by the Secretary under this section.*

3 *(e) PUBLICATION.—On submission of an annual report*
 4 *to Congress, the Secretary shall make the annual report*
 5 *publicly available, including through publication on the*
 6 *Internet.*

7 *(f) FUNDING.—The Secretary shall develop the annual*
 8 *report using funds available and not otherwise obligated*
 9 *from the Expenses appropriations account for the Corps of*
 10 *Engineers.*

11 *(g) DEFINITIONS.—In this section:*

12 *(1) ANNUAL REPORT.—The term “annual re-*
 13 *port” means a report under subsection (a).*

14 *(2) AUTHORIZED STUDY.—The term “authorized*
 15 *study” means—*

16 *(A) a study authorized by Congress to be*
 17 *carried out by the Corps of Engineers; or*

18 *(B) a feasibility study (as defined in section*
 19 *105 of the Water Resources Development Act of*
 20 *1986 (33 U.S.C. 2215)) that has been authorized*
 21 *by Congress.*

22 *(3) AUTHORIZED WATER RESOURCES DEVELOP-*
 23 *MENT PROJECT.—The term “authorized water re-*
 24 *sources development project” includes any water re-*
 25 *sources development project of the Corps of Engineers,*

1 including a project under an environmental infra-
2 structure assistance program.

3 (4) *NON-FEDERAL INTEREST.*—The term “non-
4 Federal interest” has the meaning given the term in
5 section 221 of the Flood Control Act of 1970 (42
6 U.S.C. 1962d–5b).

7 **SEC. 1014. ANNUAL REPORT TO CONGRESS ON WATER RE-**
8 **SOURCES INFRASTRUCTURE.**

9 Section 7001 of the Water Resources Reform and De-
10 velopment Act of 2014 (33 U.S.C. 2282d) is amended—

11 (1) in subsection (c)(1)(B)(ii)(III), by inserting
12 “; regional, or local” after “national”; and

13 (2) in subsection (g)(5), by striking “if author-
14 ized” and all that follows through “2016”.

15 **SEC. 1015. OPERATION AND MAINTENANCE.**

16 Section 204(f) of the Water Resources Development Act
17 of 1986 (33 U.S.C. 2232(f)) is amended—

18 (1) in paragraph (1), by redesignating subpara-
19 graphs (A) and (B) as clauses (i) and (ii), respec-
20 tively, and indenting appropriately;

21 (2) by redesignating paragraphs (1) through (3)
22 as subparagraphs (A) through (C), respectively, and
23 indenting appropriately;

1 (3) *in the matter preceding subparagraph (A)*
2 *(as so redesignated), by striking “Whenever” and in-*
3 *serting the following:*

4 “(1) *IN GENERAL.*—*Subject to paragraph (2), in*
5 *any case in which”; and*

6 (4) *by adding at the end the following:*

7 “(2) *REPORT.*—

8 “(A) *IN GENERAL.*—*To be eligible for as-*
9 *sumption of operation and maintenance of im-*
10 *provements to a federally authorized harbor or*
11 *inland harbor, a non-Federal interest shall sub-*
12 *mit to the Secretary a report on the improve-*
13 *ments carried out by the non-Federal interest*
14 *under paragraph (1).*

15 “(B) *INCLUSIONS.*—*A report under sub-*
16 *paragraph (A) shall include any information*
17 *necessary for the Secretary to make a determina-*
18 *tion under paragraph (1), including—*

19 “(i) *economic justification for the im-*
20 *provements;*

21 “(ii) *details of the project improvement*
22 *plan and design;*

23 “(iii) *proposed arrangements for the*
24 *work to be performed; and*

1 “(iv) documents relating to any appli-
 2 cable permits required for the project im-
 3 provements.

4 “(3) *REQUIREMENTS.*—

5 “(A) *PEER REVIEW WAIVER.*—*In the case of*
 6 *a project with a cost of less than \$200,000,000,*
 7 *the Secretary shall not be required to subject the*
 8 *project to independent peer review pursuant to*
 9 *section 2034 of the Water Resources Development*
 10 *Act of 2007 (33 U.S.C. 2343).*

11 “(B) *CALCULATION OF COSTS.*—*In calcu-*
 12 *lating the benefit-cost ratio for a project under*
 13 *paragraph (1), the Secretary shall not include*
 14 *non-Federal costs.*

15 “(4) *DEADLINE.*—*The Secretary shall make a de-*
 16 *termination on whether the requirement under para-*
 17 *graph (1)(A)(i) has been met by not later than 180*
 18 *days after the date on which the Secretary receives the*
 19 *report under paragraph (2).”.*

20 **SEC. 1016. TRANSPARENCY AND ACCOUNTABILITY IN COST**
 21 **SHARING FOR WATER RESOURCES DEVELOP-**
 22 **MENT PROJECTS.**

23 *Section 1120 of the America’s Water Infrastructure*
 24 *Act of 2018 (33 U.S.C. 2315b) is amended by adding at*
 25 *the end the following:*

1 “(d) *EXCESS FUNDS.*—*In the case of a beach nourish-*
 2 *ment project carried out by the Secretary for which funds*
 3 *in excess of the funds needed to complete the nourishment*
 4 *cycle in the current fiscal year have been contributed by*
 5 *a non-Federal interest, on the request of the non-Federal*
 6 *interest, the Secretary shall, at the end of the fiscal year—*

7 “(1) *transfer the excess non-Federal funds to the*
 8 *non-Federal interest; or*

9 “(2) *transfer the excess non-Federal funds to a*
 10 *separate account of the Secretary, in which the funds*
 11 *shall remain available until the non-Federal interest*
 12 *uses the funds to pay the cost-share for other projects*
 13 *carried out by the Secretary for which a non-Federal*
 14 *cost-share is required.”.*

15 **SEC. 1017. CONTINUING AUTHORITY PROGRAMS.**

16 (a) *SMALL OR DISADVANTAGED COMMUNITIES.*—

17 (1) *DEFINITIONS.*—*In this subsection:*

18 (A) *CONTINUING AUTHORITY PROGRAM.*—

19 *The term “continuing authority program”*
 20 *means any of—*

21 (i) *section 14 of the Flood Control Act*
 22 *of 1946 (33 U.S.C. 701r);*

23 (ii) *section 3 of the Act of August 13,*
 24 *1946 (60 Stat. 1056, chapter 960; 33 U.S.C.*
 25 *426g);*

1 (iii) section 107 of the River and Har-
2 bor Act of 1960 (33 U.S.C. 577);

3 (iv) section 111 of the River and Har-
4 bor Act of 1968 (33 U.S.C. 426i);

5 (v) section 204 of the Water Resources
6 Development Act of 1992 (33 U.S.C. 2326);

7 (vi) section 205 of the Flood Control
8 Act of 1948 (33 U.S.C. 701s);

9 (vii) section 206 of the Water Re-
10 sources Development Act of 1996 (33 U.S.C.
11 2330);

12 (viii) section 2 of the Act of August 28,
13 1937 (50 Stat. 877, chapter 877; 33 U.S.C.
14 701g); and

15 (ix) section 1135 of the Water Re-
16 sources Development Act of 1986 (33 U.S.C.
17 2309a).

18 (B) *DISADVANTAGED COMMUNITY*.—The
19 term “disadvantaged community” means a city,
20 town, or other incorporated or unincorporated
21 political subdivision of a State that—

22 (i) provides general local government
23 for a population of less than 20,000; and

24 (ii)(I) is an economically distressed
25 area (as defined in section 1083(a));

1 (II) is at risk from repeat flooding
2 events; or

3 (III) has a degraded ecosystem.

4 (C) *SMALL COMMUNITY*.—The term “small
5 community” means a city, town, or other incor-
6 porated or unincorporated political subdivision
7 of a State that provides general local government
8 for a population of less than 10,000.

9 (2) *COST-SHARE FOR SMALL COMMUNITIES AND*
10 *DISADVANTAGED COMMUNITIES*.—Subject to para-
11 graph (3), in carrying out a project under a con-
12 tinuing authority program in a small community or
13 a disadvantaged community, if the Secretary deter-
14 mines that the life safety, economic viability, or envi-
15 ronmental sustainability of the community would be
16 threatened without the project, the Secretary shall re-
17 duce the non-Federal cost share applicable to the
18 project through a mutual agreement between the
19 Corps of Engineers and the non-Federal interest, in
20 an amount that is—

21 (A) not less than 10 percent of the total
22 project cost; and

23 (B) up to 100 percent of the non-Federal
24 cost share applicable to the project.

1 (3) *LIMITATIONS.—In any fiscal year, the Sec-*
 2 *retary may apply a waiver under paragraph (2) to—*

3 (A) *not more than 50 projects in small com-*
 4 *munities;*

5 (B) *not more than 50 projects in disadvan-*
 6 *taged communities;*

7 (C) *not more than 3 projects in small com-*
 8 *munities within any 1 district of the Corps of*
 9 *Engineers; and*

10 (D) *not more than 3 projects in disadvan-*
 11 *taged communities within any 1 district of the*
 12 *Corps of Engineers.*

13 (b) *AUTHORIZATIONS OF APPROPRIATIONS AND*
 14 *PROJECT LIMITS.—*

15 (1) *EMERGENCY STREAMBANK AND SHORELINE*
 16 *PROTECTION.—Section 14 of the Flood Control Act of*
 17 *1946 (33 U.S.C. 701r) is amended—*

18 (A) *by striking “\$25,000,000” and inserting*
 19 *“the amount described in subsection (b)”;*

20 (B) *in the proviso, by striking “That not*
 21 *more” and inserting “That, except as provided*
 22 *in subsection (c), not more”;*

23 (C) *by striking “The Secretary” and insert-*
 24 *ing the following:*

25 “(a) *IN GENERAL.—The Secretary”; and*

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

2 “(b) *AMOUNTS DESCRIBED.*—The amount referred to
3 in subsection (a) is—

4 “(1) for fiscal year 2021, \$28,000,000;

5 “(2) for fiscal year 2022, \$28,500,000;

6 “(3) for fiscal year 2023, \$29,000,000;

7 “(4) for fiscal year 2024, \$29,500,000;

8 “(5) for fiscal year 2025, \$30,000,000;

9 “(6) for fiscal year 2026, \$30,500,000;

10 “(7) for fiscal year 2027, \$31,000,000;

11 “(8) for fiscal year 2028, \$31,500,000;

12 “(9) for fiscal year 2029, \$32,000,000; and

13 “(10) for fiscal year 2030 and each fiscal year
14 thereafter, \$32,500,000.

15 “(c) *INCREASE.*—The Secretary may increase the max-
16 imum amount for a single project under the proviso in sub-
17 section (a) by an amount equal to not more than 20 percent,
18 if the Secretary determines the increase to be appropriate.”.

19 (2) *STORM AND HURRICANE RESTORATION AND*
20 *IMPACT MINIMIZATION PROGRAM.*—Section 3(c) of the
21 Act of August 13, 1946 (33 U.S.C. 426g(c)) is amend-
22 ed—

23 (A) in paragraph (1)—

1 (i) by striking “\$37,500,000” and in-
 2 serting “the amount described in subpara-
 3 graph (B)”;

4 (ii) by striking the paragraph designa-
 5 tion and heading and all that follows
 6 through “Subject to paragraph (2)” and in-
 7 serting the following:

8 “(1) ANNUAL LIMIT.—

9 “(A) IN GENERAL.—Subject to paragraph
 10 (2)”;

11 (iii) by adding at the end the fol-
 12 lowing:

13 “(B) AMOUNTS DESCRIBED.—The amount
 14 referred to in subparagraph (A) is—

15 “(i) for fiscal year 2021, \$41,500,000;

16 “(ii) for fiscal year 2022, \$42,000,000;

17 “(iii) for fiscal year 2023, \$42,500,000;

18 “(iv) for fiscal year 2024, \$43,000,000;

19 “(v) for fiscal year 2025, \$43,500,000;

20 “(vi) for fiscal year 2026, \$44,000,000;

21 “(vii) for fiscal year 2027,

22 \$44,500,000;

23 “(viii) for fiscal year 2028,

24 \$45,000,000;

1 “(ix) for fiscal year 2029, \$45,500,000;

2 and

3 “(x) for fiscal year 2030 and each fis-

4 cal year thereafter, \$46,000,000.”; and

5 (B) in paragraph (2)—

6 (i) by redesignating subparagraphs (A)

7 and (B) as clauses (i) and (ii), respectively,

8 and indenting appropriately;

9 (ii) in the matter preceding clause (i)

10 (as so redesignated), by striking “The total

11 amount” and inserting the following:

12 “(A) IN GENERAL.—Except as provided in

13 subparagraph (B), the total amount”; and

14 (iii) by adding at the end the fol-

15 lowing:

16 “(B) INCREASE.—The Secretary may in-

17 crease the maximum amount under subpara-

18 graph (A)(ii) by an amount equal to not more

19 than 20 percent, if the Secretary determines the

20 increase to be appropriate.”.

21 (3) SMALL RIVER AND HARBOR IMPROVEMENT

22 PROJECTS.—Section 107 of the River and Harbor Act

23 of 1960 (33 U.S.C. 577) is amended—

24 (A) in subsection (a)—

1 (i) by striking “\$62,500,000” and in-
 2 serting “the amount described in paragraph
 3 (2)”;

4 (ii) by striking the subsection designa-
 5 tion and all that follows through “That the
 6 Secretary” and inserting the following:

7 “(a) *AUTHORIZATION.*—

8 “(1) *IN GENERAL.*—*The Secretary*”; and

9 (iii) by adding at the end the fol-
 10 lowing:

11 “(2) *AMOUNTS DESCRIBED.*—*The amount re-*
 12 *ferred to in paragraph (1) is—*

13 “(A) for fiscal year 2021, \$69,000,000;

14 “(B) for fiscal year 2022, \$69,500,000;

15 “(C) for fiscal year 2023, \$70,000,000;

16 “(D) for fiscal year 2024, \$70,500,000;

17 “(E) for fiscal year 2025, \$71,000,000;

18 “(F) for fiscal year 2026, \$71,500,000;

19 “(G) for fiscal year 2027, \$72,000,000;

20 “(H) for fiscal year 2028, \$72,500,000;

21 “(I) for fiscal year 2029, \$73,000,000; and

22 “(J) for fiscal year 2030 and each fiscal
 23 year thereafter, \$73,500,000.”; and

24 (B) in subsection (b)—

1 (i) by striking the subsection designa-
 2 tion and all that follows through “Not more
 3 than” and inserting the following:

4 “(b) *LIMITATION.*—

5 “(1) *IN GENERAL.*—Except as provided in para-
 6 graph (2), not more than”; and

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

8 “(2) *INCREASE.*—The Secretary may increase
 9 the maximum amount under paragraph (1) by an
 10 amount equal to not more than 20 percent, if the Sec-
 11 retary determines the increase to be appropriate.”.

12 (4) *SHORE DAMAGE PREVENTION OR MITIGA-*
 13 *TION.*—

14 (A) *IN GENERAL.*—Section 111(c) of the
 15 River and Harbor Act of 1968 (33 U.S.C.
 16 426i(c)) is amended—

17 (i) by striking “No such project shall
 18 be initiated” and inserting the following:

19 “(1) *IN GENERAL.*—Except as provided in para-
 20 graph (2), a project under this section shall not be
 21 initiated”; and

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

23 “(2) *INCREASE.*—The Secretary may increase
 24 the maximum amount under paragraph (1) by an

1 *amount equal to not more than 20 percent, if the Sec-*
 2 *retary determines the increase to be appropriate.”.*

3 *(B) CERTAIN PROJECT.—Section 3085 of*
 4 *the Water Resources Development Act of 2007*
 5 *(121 Stat. 1129) is amended—*

6 *(i) by striking “The maximum” and*
 7 *inserting the following:*

8 *“(a) IN GENERAL.—Except as provided in subsection*
 9 *(b), the maximum”; and*

10 *(ii) by adding at the end the following:*

11 *“(b) INCREASE.—The Secretary may increase the max-*
 12 *imum amount under subsection (a) by an amount equal*
 13 *to not more than 20 percent, if the Secretary determines*
 14 *the increase to be appropriate.”.*

15 *(5) REGIONAL SEDIMENT MANAGEMENT.—Sec-*
 16 *tion 204 of the Water Resources Development Act of*
 17 *1992 (33 U.S.C. 2326) is amended—*

18 *(A) in subsection (c)(1)(C)—*

19 *(i) by striking “The total” and insert-*
 20 *ing the following:*

21 *“(i) IN GENERAL.—Except as provided*
 22 *in clause (ii), the total”; and*

23 *(ii) by adding at the end the following:*

24 *“(ii) INCREASE.—The Secretary may*
 25 *increase the maximum amount under clause*

1 *(i) by an amount equal to not more than 20*
 2 *percent, if the Secretary determines the in-*
 3 *crease to be appropriate.”; and*

4 *(B) by striking subsection (g) and inserting*
 5 *the following:*

6 “(g) *AUTHORIZATION OF APPROPRIATIONS.—*

7 “(1) *IN GENERAL.—There are authorized to be*
 8 *appropriated to carry out this section—*

9 *“(A) for fiscal year 2021, \$69,000,000;*

10 *“(B) for fiscal year 2022, \$69,500,000;*

11 *“(C) for fiscal year 2023, \$70,000,000;*

12 *“(D) for fiscal year 2024, \$70,500,000;*

13 *“(E) for fiscal year 2025, \$71,000,000;*

14 *“(F) for fiscal year 2026, \$71,500,000;*

15 *“(G) for fiscal year 2027, \$72,000,000;*

16 *“(H) for fiscal year 2028, \$72,500,000;*

17 *“(I) for fiscal year 2029, \$73,000,000; and*

18 *“(J) for fiscal year 2030 and each fiscal*
 19 *year thereafter, \$73,500,000.*

20 “(2) *SET-ASIDES.—Of the amounts made avail-*
 21 *able under paragraph (1) for each fiscal year—*

22 *“(A) not more than \$5,000,000 may be used*
 23 *for the development of regional sediment man-*
 24 *agement plans under subsection (e); and*

1 “(B) not more than \$3,000,000 may be used
2 for construction of projects to which subsection
3 (c)(1)(B)(ii) applies.

4 “(3) AVAILABILITY.—Amounts made available
5 under paragraph (1) shall remain available until ex-
6 pended.”.

7 (6) SMALL FLOOD CONTROL PROJECTS.—Section
8 205 of the Flood Control Act of 1948 (33 U.S.C. 701s)
9 is amended—

10 (A) in the fifth sentence, by striking “The
11 work” and inserting the following:

12 “(e) NO ADDITIONAL IMPROVEMENTS.—A project car-
13 ried out under this section”;

14 (B) in the fourth sentence, by striking “The
15 provisions” and inserting the following:

16 “(d) LOCAL COOPERATION.—The provisions”;

17 (C) in the third sentence—

18 (i) by striking “Not more than” and
19 inserting the following:

20 “(c) PROJECT LIMIT.—

21 “(1) IN GENERAL.—Except as provided in para-
22 graph (2), not more than”; and

23 (ii) by adding at the end the following:

24 “(2) INCREASE.—The Secretary may increase
25 the maximum amount under paragraph (1) by an

1 *amount equal to not more than 20 percent, if the Sec-*
 2 *retary determines the increase to be appropriate.”;*

3 *(D) in the second sentence, by striking “The*
 4 *amount” and inserting the following:*

5 *“(b) FEDERAL PARTICIPATION.—The amount”; and*

6 *(E) in the first sentence—*

7 *(i) by striking “\$68,750,000” and in-*
 8 *serting “the amount described in paragraph*
 9 *(2)”;*

10 *(ii) by striking “That the Secretary”*
 11 *and inserting the following:*

12 *“(a) AUTHORIZATION.—*

13 *“(1) IN GENERAL.—The Secretary”; and*

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

16 *“(2) AMOUNTS DESCRIBED.—The amount re-*
 17 *ferred to in paragraph (1) is—*

18 *“(A) for fiscal year 2021, \$76,000,000;*

19 *“(B) for fiscal year 2022, \$76,500,000;*

20 *“(C) for fiscal year 2023, \$77,000,000;*

21 *“(D) for fiscal year 2024, \$77,500,000;*

22 *“(E) for fiscal year 2025, \$78,000,000;*

23 *“(F) for fiscal year 2026, \$78,500,000;*

24 *“(G) for fiscal year 2027, \$79,000,000;*

25 *“(H) for fiscal year 2028, \$79,500,000;*

1 “(I) for fiscal year 2029, \$80,000,000; and

2 “(J) for fiscal year 2030 and each fiscal
3 year thereafter, \$80,500,000.”.

4 (7) *AQUATIC ECOSYSTEM RESTORATION*.—*Sec-*
5 *tion 206 of the Water Resources Development Act of*
6 *1996 (33 U.S.C. 2330) is amended—*

7 (A) *in subsection (d)—*

8 (i) *by striking “Not more than” and*
9 *inserting the following:*

10 “(1) *IN GENERAL*.—*Except as provided in para-*
11 *graph (2), not more than”; and*

12 (ii) *by adding at the end the following:*

13 “(2) *INCREASE*.—*The Secretary may increase*
14 *the maximum amount under paragraph (1) by an*
15 *amount equal to not more than 20 percent, if the Sec-*
16 *retary determines the increase to be appropriate.”;*
17 *and*

18 (B) *by striking subsection (f) and inserting*
19 *the following:*

20 “(f) *AUTHORIZATION OF APPROPRIATIONS*.—*There are*
21 *authorized to be appropriated to carry out this section—*

22 “(1) *for fiscal year 2021, \$69,000,000;*

23 “(2) *for fiscal year 2022, \$69,500,000;*

24 “(3) *for fiscal year 2023, \$70,000,000;*

25 “(4) *for fiscal year 2024, \$70,500,000;*

1 “(5) for fiscal year 2025, \$71,000,000;
 2 “(6) for fiscal year 2026, \$71,500,000;
 3 “(7) for fiscal year 2027, \$72,000,000;
 4 “(8) for fiscal year 2028, \$72,500,000;
 5 “(9) for fiscal year 2029, \$73,000,000; and
 6 “(10) for fiscal year 2030 and each fiscal year
 7 thereafter, \$73,500,000.”.

8 (8) *REMOVAL OF OBSTRUCTIONS; CLEARING*
 9 *CHANNELS.*—Section 2 of the Act of August 28, 1937
 10 (50 Stat. 877, chapter 877; 33 U.S.C. 701g) is
 11 amended—

12 (A) by striking “flood control:” and all that
 13 follows through “not more than” and inserting
 14 the following: “flood control.

15 “(b) *PROJECT LIMIT.*—

16 “(1) *IN GENERAL.*—Except as provided in para-
 17 graph (2), not more than”;

18 (B) by adding at the end the following:

19 “(2) *INCREASE.*—The Secretary may increase
 20 the maximum amount under paragraph (1) by an
 21 amount equal to not more than 20 percent, if the Sec-
 22 retary determines the increase to be appropriate.”;

23 (C) by striking “The Secretary of the Army
 24 is authorized to allot not to exceed \$7,500,000”
 25 and inserting the following:

1 “(a) *AUTHORIZATION*.—

2 “(1) *IN GENERAL*.—*The Secretary of the Army*
3 *may allot not more than the amount described in*
4 *paragraph (2)*”; and

5 *(D) in subsection (a) (as so designated), by*
6 *adding at the end the following:*

7 “(2) *AMOUNTS DESCRIBED*.—*The amount re-*
8 *ferred to in paragraph (1) is—*

9 “(A) *for fiscal year 2021, \$8,500,000;*

10 “(B) *for fiscal year 2022, \$9,000,000;*

11 “(C) *for fiscal year 2023, \$9,500,000;*

12 “(D) *for fiscal year 2024, \$10,000,000;*

13 “(E) *for fiscal year 2025, \$10,500,000;*

14 “(F) *for fiscal year 2026, \$11,000,000;*

15 “(G) *for fiscal year 2027, \$11,500,000;*

16 “(H) *for fiscal year 2028, \$12,000,000;*

17 “(I) *for fiscal year 2029, \$12,500,000; and*

18 “(J) *for fiscal year 2030 and each fiscal*
19 *year thereafter, \$13,000,000.”.*

20 (9) *PROJECT MODIFICATIONS FOR IMPROVEMENT*
21 *OF ENVIRONMENT*.—*Section 1135 of the Water Re-*
22 *sources Development Act of 1986 (33 U.S.C. 2309a)*
23 *is amended—*

24 *(A) in subsection (d)—*

25 *(i) in the third sentence—*

1 (I) by striking “Not more than”
2 and inserting the following:

3 “(3) *PROJECT LIMIT.*—

4 “(A) *IN GENERAL.*—Except as provided in
5 subparagraph (B), not more than”; and

6 (II) by adding at the end the fol-
7 lowing:

8 “(B) *INCREASE.*—The Secretary may in-
9 crease the maximum amount under subpara-
10 graph (A) by an amount equal to not more than
11 20 percent, if the Secretary determines the in-
12 crease to be appropriate.”;

13 (ii) in the second sentence, by striking
14 “The non-Federal share” and inserting the
15 following:

16 “(2) *IN-KIND CONTRIBUTIONS.*—The non-Federal
17 share”; and

18 (iii) in the first sentence, by striking
19 “The non-Federal share” and inserting the
20 following:

21 “(1) *IN GENERAL.*—The non-Federal share”; and
22 (B) by striking subsection (h) and inserting
23 the following:

1 “(h) *AUTHORIZATION OF APPROPRIATIONS.*—*There*
 2 *are authorized to be appropriated to carry out this sec-*
 3 *tion—*

4 “(1) *for fiscal year 2021, \$55,000,000;*

5 “(2) *for fiscal year 2022, \$55,500,000;*

6 “(3) *for fiscal year 2023, \$56,000,000;*

7 “(4) *for fiscal year 2024, \$56,500,000;*

8 “(5) *for fiscal year 2025, \$57,000,000;*

9 “(6) *for fiscal year 2026, \$57,500,000;*

10 “(7) *for fiscal year 2027, \$58,000,000;*

11 “(8) *for fiscal year 2028, \$58,500,000;*

12 “(9) *for fiscal year 2029, \$59,000,000; and*

13 “(10) *for fiscal year 2030 and each fiscal year*
 14 *thereafter, \$59,500,000.”.*

15 **SEC. 1018. SHORE DAMAGE PREVENTION OR MITIGATION.**

16 *Section 111 of the River and Harbor Act of 1968 (33*
 17 *U.S.C. 426i) is amended by adding at the end the following:*

18 “(f) *USE OF UNITED STATES FISH AND WILDLIFE*
 19 *SERVICE FUNDS.*—*The Director of the United States Fish*
 20 *and Wildlife Service shall allow a non-Federal interest to*
 21 *use funds from the Service to satisfy all or a portion of*
 22 *the non-Federal share of the costs of a project under this*
 23 *section.”.*

24 **SEC. 1019. SEDIMENT MANAGEMENT PLAN.**

25 (a) *IN GENERAL.*—

1 (1) *INITIAL PLAN.*—Not later than 1 year after
2 the date of enactment of this Act, the District Com-
3 mander of each district of the Corps of Engineers that
4 carries out any dredging activity for navigation or
5 other water resources development project purposes
6 shall develop, at full Federal expense, and submit to
7 the Secretary a 5-year sediment management plan.

8 (2) *SCOPE.*—Each plan developed under this sec-
9 tion shall include—

10 (A) a sediment budget for each watershed or
11 littoral system within the district;

12 (B) a description of the scheduled dredging
13 and other sediment removal activities;

14 (C) an estimate of the amount of sediment
15 anticipated to be dredged or removed as a result
16 of each activity described under subparagraph
17 (B); and

18 (D) an evaluation of—

19 (i) the suitability of the sediment an-
20 ticipated to be dredged or removed as a re-
21 sult of each activity described under sub-
22 paragraph (B) for a full range of beneficial
23 uses; and

1 (ii) the economic and environmental
2 benefits and impacts, and feasibility, of
3 using the material for such beneficial uses.

4 (3) *REVISION.*—On an annual basis, the District
5 Commander of each district of the Corps of Engineers
6 shall—

7 (A) revise the plan developed under para-
8 graph (1); and

9 (B) submit the revised plan to the Sec-
10 retary.

11 (b) *PUBLIC COMMENT.*—In developing or revising a
12 plan under subsection (a), a District Commander shall pro-
13 vide notice and an opportunity for public comment.

14 (c) *PUBLICATION.*—A District Commander that devel-
15 ops or revises a plan under subsection (a) shall make the
16 plan or revision to the plan, as applicable, publicly avail-
17 able.

18 (d) *TRANSMISSION TO CONGRESS.*—As soon as prac-
19 ticable after receiving a plan or a revision to a plan under
20 subsection (a), the Secretary shall transmit the plan or revi-
21 sion to the plan, as applicable, to Congress.

22 (e) *REGIONAL SEDIMENT MANAGEMENT PLANS.*—A
23 plan developed under this section—

24 (1) shall be in addition to regional sediment
25 management plans prepared under section 204(a) of

1 *the Water Resources Development Act of 1992 (33*
 2 *U.S.C. 2326(a)); and*

3 *(2) shall not be subject to section 204(g) of the*
 4 *Water Resources Development Act of 1992 (33 U.S.C.*
 5 *2326(g)).*

6 **SEC. 1020. CRITERIA FOR FUNDING ENVIRONMENTAL IN-**
 7 **FRASTRUCTURE PROJECTS.**

8 *(a) CERTAIN ENVIRONMENTAL PROJECTS.—*

9 *(1) IN GENERAL.—Except as provided in para-*
 10 *graph (3), the Secretary shall develop written criteria*
 11 *for the ranking of environmental infrastructure*
 12 *projects of the Secretary for the purpose of*
 13 *prioritizing funding, including, at a minimum—*

14 *(A) the extent of the local economic impact*
 15 *of the project;*

16 *(B) whether the project is in a rural com-*
 17 *munity;*

18 *(C) whether the project is in or would ben-*
 19 *efit counties or communities with high poverty*
 20 *rates; and*

21 *(D) whether the project is in a financially*
 22 *distressed area.*

23 *(2) INCLUSION IN GUIDANCE.—The Secretary*
 24 *shall include the criteria developed under paragraph*

1 (1) *in the annual Civil Works Direct Program Development Policy Guidance of the Secretary.*

3 (3) *APPLICABILITY.—This subsection shall not*
 4 *apply to any environmental infrastructure project au-*
 5 *thorized under section 219 of the Water Resources De-*
 6 *velopment Act of 1992 (106 Stat. 4835).*

7 (b) *ENVIRONMENTAL INFRASTRUCTURE.—Section 219*
 8 *of the Water Resources Development Act of 1992 (106 Stat.*
 9 *4835; 113 Stat. 335) is amended by adding at the end the*
 10 *following:*

11 “(g) *CRITERIA FOR RANKING PROJECTS.—*

12 “(1) *IN GENERAL.—The Secretary shall develop*
 13 *written criteria for ranking projects authorized under*
 14 *this section for funding.*

15 “(2) *REQUIREMENTS.—The written criteria*
 16 *under paragraph (1) shall include—*

17 “(A) *the benefits of the project to the local*
 18 *economy;*

19 “(B) *the extent to which the project will en-*
 20 *hance local development;*

21 “(C) *the number of jobs that will be directly*
 22 *created by the project; and*

23 “(D) *any other criteria that the Secretary*
 24 *considers to be appropriate.”.*

1 **SEC. 1021. AGING INFRASTRUCTURE.**

2 (a) *DEFINITIONS.—In this section:*

3 (1) *AGING INFRASTRUCTURE.—The term “aging*
4 *infrastructure” means a project of the Corps of Engi-*
5 *neers or any other water resources, water storage, or*
6 *irrigation project of another Federal agency that is*
7 *greater than 75 years old.*

8 (2) *ENHANCED INSPECTION.—The term “en-*
9 *hanced inspection” means an inspection that uses*
10 *current or innovative technology, including Light De-*
11 *tection and Ranging (commonly known as*
12 *“LiDAR”), ground penetrating radar, subsurface im-*
13 *aging, or subsurface geophysical techniques, to detect*
14 *whether the features of the aging infrastructure are*
15 *structurally sound and can operate as intended, or*
16 *are at risk of failure.*

17 (b) *CONTRACTS FOR ENHANCED INSPECTION.—*

18 (1) *IN GENERAL.—The Secretary is authorized to*
19 *enter into a contract with another Federal agency or*
20 *a non-Federal entity that owns, or operates and*
21 *maintains, a water resources, water storage, or irri-*
22 *gation project for carrying out enhanced inspections*
23 *of aging infrastructure.*

24 (2) *CERTAIN CIRCUMSTANCES.—Subject to the*
25 *availability of appropriations, the Secretary shall*
26 *enter into a contract described in paragraph (1), if—*

1 (A) another Federal agency or a non-Fed-
 2 eral entity requests that the Secretary carry out
 3 the inspections; and

4 (B) the inspection is at the full expense of
 5 the other Federal agency or non-Federal entity
 6 requesting the inspections.

7 (c) *LIMITATION.*—The Secretary shall not require a
 8 non-Federal entity associated with a project under the ju-
 9 risdiction of another Federal agency to carry out corrective
 10 or remedial actions in response to an inspection under this
 11 section.

12 (d) *AUTHORIZATION OF APPROPRIATIONS.*—There is
 13 authorized to be appropriated to carry out this section
 14 \$20,000,000, to remain available until expended.

15 **SEC. 1022. EXPEDITING REPAIRS AND RECOVERY FROM**
 16 **FLOODING.**

17 (a) *IN GENERAL.*—During the 5-year period beginning
 18 on the date of enactment of this Act, the Secretary shall
 19 prioritize and expedite the processing of applications for
 20 permits under section 10 of the Act of March 3, 1899 (com-
 21 monly known as the “Rivers and Harbors Act of 1899”)
 22 (30 Stat. 1151, chapter 425; 33 U.S.C. 403), and section
 23 404 of the Federal Water Pollution Control Act (33 U.S.C.
 24 1344), and permissions under section 14 of the Act of March
 25 3, 1899 (commonly known as the “Rivers and Harbors Act

1 of 1899”) (30 Stat. 1152, chapter 425; 33 U.S.C. 408), to
 2 complete repairs, reconstruction (including improvements),
 3 and upgrades to flood control infrastructure damaged by
 4 flooding events during calendar years 2017 through 2020,
 5 including flooding events caused by ice jams.

6 (b) *PUBLIC INTEREST*.—An activity described in sub-
 7 section (a) shall be considered to be in the public interest,
 8 unless the activity would induce flooding in another loca-
 9 tion.

10 (c) *SAVINGS PROVISION*.—Nothing in this section af-
 11 fects, preempts, or interferes with any obligation to comply
 12 with the provisions of any Federal environmental law, in-
 13 cluding—

14 (1) the National Environmental Policy Act of
 15 1969 (42 U.S.C. 4321 et seq.);

16 (2) the Federal Water Pollution Control Act (33
 17 U.S.C. 1251 et seq.); and

18 (3) the Endangered Species Act of 1973 (16
 19 U.S.C. 1531 et seq.).

20 **SEC. 1023. UPPER SNAKE RIVER LEVEES.**

21 (a) *IN GENERAL*.—The Secretary shall prioritize and
 22 expedite, in coordination with State, Tribal, and local au-
 23 thorities, the completion of maintenance and repair activi-
 24 ties to levee systems that are—

1 (1) *operated and maintained by the Secretary;*
 2 *and*

3 (2) *in the Upper Snake River Basin.*

4 (b) *SAVINGS PROVISION.—Nothing in this section*
 5 *modifies or waives the responsibility of the Secretary to*
 6 *comply with any applicable Federal law in carrying out*
 7 *this section.*

8 **SEC. 1024. UNIFORMITY OF NOTIFICATION SYSTEMS.**

9 (a) *INVENTORY.—Not later than 180 days after the*
 10 *date of enactment of this Act, the Secretary shall complete*
 11 *an inventory of all communication and notification systems*
 12 *used by the Corps of Engineers with respect to projects, ini-*
 13 *tiatives, and facilities of the Corps of Engineers.*

14 (b) *UNIFORM PLAN.—*

15 (1) *IN GENERAL.—Not later than 1 year after*
 16 *the date of enactment of this Act, the Secretary shall*
 17 *develop a plan for the uniformity of communication*
 18 *and notification systems for projects, initiatives, and*
 19 *facilities of the Corps of Engineers.*

20 (2) *INCLUSIONS.—The plan under paragraph (1)*
 21 *shall—*

22 (A) *provide access to information in all*
 23 *forms practicable, including email, text messages,*
 24 *news programs and websites, radio, and other*
 25 *forms of notification;*

1 (B) establish a notification system for any
2 projects, initiatives, or facilities of the Corps of
3 Engineers that do not have a notification system;

4 (C) streamline existing communication and
5 notification systems to improve the strength and
6 uniformity of those systems; and

7 (D) emphasize the necessity of timeliness in
8 notification systems and ensure that the methods
9 of notification can transmit information in a
10 timely manner.

11 (3) IMPLEMENTATION.—

12 (A) IN GENERAL.—Except as provided in
13 subparagraph (B), not later than 2 years after
14 the date of enactment of this Act, the Secretary
15 shall complete the implementation of the plan
16 under paragraph (1).

17 (B) EMERGENCY MANAGEMENT NOTIFICA-
18 TION.—Not later than 18 months after the date
19 of enactment of this Act, the Secretary shall im-
20 plement the provisions of the plan relating to
21 emergency management notifications.

22 (4) SAVINGS PROVISION.—Nothing in this section
23 authorizes the elimination of any existing commu-
24 nication or notification system used by the Corps of
25 Engineers.

1 **SEC. 1025. SUSQUEHANNA, DELAWARE, AND POTOMAC**
 2 **RIVER BASIN COMMISSIONS.**

3 *Section 5019 of the Water Resources Development Act*
 4 *of 2007 (121 Stat. 1201; 128 Stat. 1307) is amended—*

5 *(1) in subsection (a)(3), by inserting “, who may*
 6 *be the Administrator of the Environmental Protection*
 7 *Agency (referred to in this section as the ‘Adminis-*
 8 *trator’) (or a designee),” after “member”; and*

9 *(2) in subsection (b)—*

10 *(A) in paragraph (1), by striking “The Sec-*
 11 *retary” and inserting “Subject to the avail-*
 12 *ability of appropriations, the Administrator”;*

13 *(B) in paragraph (2), by striking “For each*
 14 *fiscal year, the Secretary” and inserting “Sub-*
 15 *ject to the availability of appropriations, for*
 16 *each fiscal year, the Administrator”; and*

17 *(C) in paragraph (3), by striking “Sec-*
 18 *retary” each place it appears and inserting “Ad-*
 19 *ministrator”.*

20 **SEC. 1026. WILMINGTON HARBOR SOUTH DISPOSAL AREA,**
 21 **DELAWARE.**

22 *(a) SEDIMENT FILL HEIGHT.—Sediment fill in the*
 23 *Wilmington Harbor South Disposal Area confined disposal*
 24 *facility, Delaware, shall not be more than 45 feet.*

25 *(b) USE.—Until the conveyance under subsection (c)*
 26 *is completed, the Wilmington Harbor South Disposal Area*

1 *confined disposal facility, Delaware, shall be used for the*
 2 *purposes of—*

3 *(1) a dredge disposal facility for the Port of*
 4 *Edgemoor; and*

5 *(2) other uses, as determined by the State of*
 6 *Delaware.*

7 *(c) CONVEYANCE.—As soon as practicable after sedi-*
 8 *ment fill in the Wilmington Harbor South Disposal Area*
 9 *confined disposal facility, Delaware, reaches 45 feet, the*
 10 *Secretary shall complete the conveyance of nonusable land*
 11 *at the Wilmington Harbor South Disposal Area confined*
 12 *disposal facility, Delaware, to the State of Delaware for fair*
 13 *market value.*

14 **SEC. 1027. CONVEYANCE OF WILMINGTON HARBOR NORTH**
 15 **DISPOSAL AREA, DELAWARE.**

16 *As soon as practicable, the Secretary shall complete the*
 17 *conveyance of the Wilmington Harbor North Disposal Area*
 18 *confined disposal facility, Delaware, to the State of Dela-*
 19 *ware.*

20 **SEC. 1028. COASTAL STORM DAMAGE REDUCTION CON-**
 21 **TRACTS.**

22 *For any project for coastal storm damage reduction,*
 23 *the Secretary shall seek input from the community or com-*
 24 *munities where the project is located that may be impacted*
 25 *due to the timing of the coastal storm damage reduction*

1 *activities under the project to minimize, to the maximum*
 2 *extent practicable, any negative impacts to the local econ-*
 3 *omy due to the timing of those activities.*

4 **SEC. 1029. CORPS FLOOD POLICY WITHIN URBAN AREAS.**

5 *The Secretary shall expedite the completion of the re-*
 6 *port required under section 1211 of the America's Water*
 7 *Infrastructure Act of 2018 (132 Stat. 3808) relating to*
 8 *flooding within urban floodplains and Federal policy con-*
 9 *straints on the ability of the Corps of Engineers to address*
 10 *urban flooding.*

11 **SEC. 1030. REPORTING ON OVER BUDGET AND BEHIND**
 12 **SCHEDULE CORPS PROJECTS.**

13 *Not later than 180 days after the date of enactment*
 14 *of this Act, the Secretary shall submit to the Committee on*
 15 *Environment and Public Works of the Senate and the Com-*
 16 *mittee on Transportation and Infrastructure of the House*
 17 *of Representatives a report that describes each water re-*
 18 *sources project of the Secretary for which—*

19 *(1) the total budget of the project exceeds the*
 20 *total estimated budget of the project by not less than*
 21 *\$100,000,000; or*

22 *(2) the anticipated completion date of the project*
 23 *exceeds the estimated completion date of the project by*
 24 *not less than 5 years.*

1 **SEC. 1031. DAM REMEDIATION FOR ECOSYSTEM RESTORA-**
 2 **TION.**

3 *Section 542(b)(2) of the Water Resources Development*
 4 *Act of 2000 (114 Stat. 2671; 121 Stat. 1150) is amended—*

5 *(1) in subparagraph (F), by striking “or” at the*
 6 *end;*

7 *(2) by redesignating subparagraph (G) as sub-*
 8 *paragraph (H); and*

9 *(3) by inserting after subparagraph (F) the fol-*
 10 *lowing:*

11 *“(G) measures to restore, protect, and pre-*
 12 *serve an ecosystem affected by a dam (which*
 13 *may include construction of a dam)—*

14 *“(i) that has been constructed, in whole*
 15 *or in part, by the Corps of Engineers for*
 16 *flood control purposes;*

17 *“(ii) for which construction was com-*
 18 *pleted before 1940;*

19 *“(iii) that is classified as ‘high hazard*
 20 *potential’ by the State dam safety agency of*
 21 *the State in which the dam is located; and*

22 *“(iv) that is operated by a non-Federal*
 23 *entity; or”.*

24 **SEC. 1032. CONVEYANCE OF CERTAIN FEDERAL LAND TO**
 25 **THE CITY OF MONTGOMERY, ALABAMA.**

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

1 (1) *CITY*.—*The term “City” means the city of*
 2 *Montgomery, Alabama.*

3 (2) *FEDERAL LAND*.—*The term “Federal land”*
 4 *means the 62.38 acres of land and water under the*
 5 *primary jurisdiction of the Secretary in the R.E.*
 6 *“Bob” Woodruff Project Area that is covered by lease*
 7 *number DACW01-1-05-0037, including the parcels*
 8 *and structure known as “Powder Magazine”.*

9 (b) *CONVEYANCE AUTHORIZED*.—*To the extent prac-*
 10 *ticable, not later than 180 days after the date of enactment*
 11 *of this Act, the Secretary shall, on request of the City, con-*
 12 *vey to the City all right, title, and interest of the United*
 13 *States in and to the Federal land.*

14 (c) *CONVEYANCE OF FEDERAL LAND FOR USE AS HIS-*
 15 *TORIC MONUMENT*.—*If the Secretary of the Interior deter-*
 16 *mines that any portion of the Federal land is suitable and*
 17 *desirable for use as a historic monument, the Secretary may*
 18 *convey such portion of the Federal land to the City, without*
 19 *monetary consideration, in accordance with section 550(h)*
 20 *of title 40, United States Code.*

21 (d) *CONVEYANCE OF FEDERAL LAND NOT SUITABLE*
 22 *FOR USE AS HISTORIC MONUMENT*.—*The Secretary shall*
 23 *convey any portion of the Federal land not conveyed under*
 24 *subsection (c)—*

25 (1) *by quitclaim deed; and*

1 (2) *subject to terms and conditions that are mu-*
 2 *tually satisfactory to the Secretary and the City, in-*
 3 *cluding such additional terms and conditions as the*
 4 *Secretary considers appropriate—*

5 (A) *to protect the interests of the United*
 6 *States, such as any required easements;*

7 (B) *to protect and maintain the Federal*
 8 *land, in accordance with applicable law; and*

9 (C) *to preserve public access to the Federal*
 10 *land.*

11 (e) *CONSIDERATION REQUIRED.—As consideration for*
 12 *a conveyance under subsection (d), the City shall pay to*
 13 *the Secretary an amount that is not less than the fair mar-*
 14 *ket value of the Federal land, as determined by the Sec-*
 15 *retary.*

16 (f) *PAYMENT OF COSTS OF CONVEYANCE.—*

17 (1) *PAYMENT REQUIRED.—The Secretary shall*
 18 *require the City to pay the costs incurred by the Sec-*
 19 *retary after the date of enactment of this Act relating*
 20 *to any conveyance of the Federal land under this sec-*
 21 *tion, including—*

22 (A) *survey costs;*

23 (B) *costs relating to environmental docu-*
 24 *mentation; and*

1 (C) any other administrative costs relating
2 to the conveyance.

3 (2) *REFUND OF EXCESS AMOUNTS.*—If the Sec-
4 retary collects amounts from the City under para-
5 graph (1) before the costs are actually incurred and
6 those amounts exceed the costs actually incurred by
7 the Secretary in carrying out the conveyance, the Sec-
8 retary shall refund the excess amounts to the City.

9 (3) *TREATMENT OF AMOUNTS RECEIVED.*—
10 Amounts received by the Secretary as reimbursement
11 under paragraph (1) shall be—

12 (A) credited to, and merged with amounts
13 in, the fund or account that was used to cover
14 the costs incurred by the Secretary; and

15 (B) available for the same purposes, and
16 subject to the same conditions and limitations,
17 as amounts in the fund or account to which the
18 amounts are credited under subparagraph (A).

19 (g) *LIABILITY.*—The City shall hold the United States
20 harmless from any liability with respect to activities car-
21 ried out on the Federal land on or after the date of convey-
22 ance of the Federal land.

1 **SEC. 1033. MAINTENANCE OF HIGH RISK FLOOD CONTROL**
 2 **PROJECTS.**

3 *In any case in which the Secretary has assumed, as*
 4 *of the date of enactment of this Act, responsibility for the*
 5 *maintenance of a project classified as class III or higher*
 6 *urgency under the Dam Safety Action Classification of the*
 7 *Corps of Engineers, the Secretary shall continue to be re-*
 8 *sponsible for the maintenance of that project until the ear-*
 9 *lier of—*

10 *(1) the date on which the project is modified to*
 11 *reduce that risk and the Secretary determines that the*
 12 *project is determined to be adequately safe; and*

13 *(2) the date that is 15 years after the date of en-*
 14 *actment of this Act.*

15 **SEC. 1034. PROJECTS TO ACCOMMODATE IRREGULAR**
 16 **DREDGING.**

17 *(a) IN GENERAL.—Not later than 2 years after the*
 18 *date of enactment of this Act, pursuant to the continuing*
 19 *authority program under section 107 of the River and Har-*
 20 *bor Act of 1960 (33 U.S.C. 577), the Secretary shall, to the*
 21 *maximum extent practicable, carry out not less than 1*
 22 *project to improve a harbor to accommodate an eligible*
 23 *event described in subsection (b).*

24 *(b) ELIGIBLE EVENT DESCRIBED.—An eligible event*
 25 *referred to in subsection (a) is a special event that—*

26 *(1) is hosted by a government entity;*

1 (2) *is open to the public; and*

2 (3) *would have significant educational and re-*
3 *gional economic development benefits.*

4 (c) *JUSTIFICATION.—The Secretary shall not require*
5 *national economic development benefits to exceed costs for*
6 *any project carried out under this section if—*

7 (1) *dredging or other harbor improvements are*
8 *necessary to accommodate 1 or more eligible events;*
9 *and*

10 (2) *the eligible event or events produce signifi-*
11 *cant regional economic development benefits.*

12 (d) *COST-SHARING REQUIREMENT.—*

13 (1) *IN GENERAL.—The Federal share of the cost*
14 *of initial construction and operation and mainte-*
15 *nance of a project under this section—*

16 (A) *shall be not more than 50 percent; and*

17 (B) *may not exceed the limit under section*
18 *107(b) of the River and Harbor Act of 1960 (33*
19 *U.S.C. 577(b)).*

20 (2) *FORM OF NON-FEDERAL SHARE.—The non-*
21 *Federal share of the cost of activities carried out*
22 *under this section may be in the form of in-kind con-*
23 *tributions.*

24 (3) *OPERATION AND MAINTENANCE.—The non-*
25 *Federal interest shall be responsible for 100 percent of*

1 *the cost to operate and maintain a project under this*
 2 *section after the limit under section 107(b) of the*
 3 *River and Harbor Act of 1960 (33 U.S.C. 577(b)) has*
 4 *been met.*

5 **SEC. 1035. CHESAPEAKE BAY ENVIRONMENTAL RESTORA-**
 6 **TION AND PROTECTION PROGRAM.**

7 *(a) IN GENERAL.—Section 510 of the Water Resources*
 8 *Development Act of 1996 (110 Stat. 3761; 121 Stat. 1202;*
 9 *128 Stat. 1318) is amended—*

10 *(1) by redesignating subsection (h) as subsection*
 11 *(i);*

12 *(2) by inserting after subsection (g) the fol-*
 13 *lowing:*

14 *“(h) PROJECT CAP.—A project carried out under this*
 15 *section may not have a total cost of more than*
 16 *\$15,000,000.”; and*

17 *(3) in subsection (i) (as so redesignated), by*
 18 *striking “\$40,000,000” and inserting “\$90,000,000”.*

19 *(b) OUTREACH AND TRAINING.—*

20 *(1) IN GENERAL.—The Secretary shall conduct*
 21 *public outreach and workshops for non-Federal inter-*
 22 *ests to provide information on the Chesapeake Bay*
 23 *environmental restoration and protection program*
 24 *under section 510 of the Water Resources Development*
 25 *Act of 1996 (110 Stat. 3761; 121 Stat. 1202; 128*

1 *Stat. 1318), including how to participate in the pro-*
 2 *gram.*

3 (2) *AUTHORIZATION OF APPROPRIATIONS.—*

4 *There is authorized to be appropriated to carry out*
 5 *this subsection \$2,500,000 for each of fiscal years*
 6 *2021 and 2022.*

7 **SEC. 1036. IMPLEMENTATION GUIDANCE; REPORTS; AND**
 8 **BRIEFINGS.**

9 (a) *REPORT ON STATUS OF IMPLEMENTATION GUID-*
 10 *ANCE AND REPORTS.—Not later than 150 days after the*
 11 *date of enactment of this Act, the Secretary shall provide*
 12 *to the Committee on Environment and Public Works of the*
 13 *Senate and the Committee on Transportation and Infra-*
 14 *structure of the House of Representatives a briefing on the*
 15 *status of implementation guidance and reports required*
 16 *under this Act or an amendment made by this Act.*

17 (b) *USE OF EXISTING DATA.—To the maximum extent*
 18 *practicable, the Secretary shall use existing data in com-*
 19 *pleting any report required under—*

20 (1) *the Water Resources Reform and Develop-*
 21 *ment Act of 2014 (Public Law 113–121; 128 Stat.*
 22 *1193);*

23 (2) *the Water Infrastructure Improvements for*
 24 *the Nation Act (Public Law 114–322; 130 Stat.*
 25 *1628);*

1 (3) *the America’s Water Infrastructure Act of*
 2 *2018 (Public Law 115–270; 132 Stat. 3765);*

3 (4) *this Act; and*

4 (5) *any amendments made by an Act described*
 5 *in paragraphs (1) through (4).*

6 (c) *BRIEFINGS.—*

7 (1) *IN GENERAL.—Not less frequently than quar-*
 8 *terly, the Secretary shall provide to the Committee on*
 9 *Environment and Public Works of the Senate and the*
 10 *Committee on Transportation and Infrastructure of*
 11 *the House of Representatives a briefing on the status*
 12 *of the implementation of each provision of law*
 13 *under—*

14 (A) *the Water Resources Reform and Devel-*
 15 *opment Act of 2014 (Public Law 113–121; 128*
 16 *Stat. 1193);*

17 (B) *the Water Infrastructure Improvements*
 18 *for the Nation Act (Public Law 114–322; 130*
 19 *Stat. 1628);*

20 (C) *the America’s Water Infrastructure Act*
 21 *of 2018 (Public Law 115–270; 132 Stat. 3765);*

22 (D) *this Act; and*

23 (E) *any amendments made by an Act de-*
 24 *scribed in subparagraphs (A) through (D).*

1 (2) *TERMINATION.*—*This subsection shall termi-*
 2 *nate on the date that the Secretary completes the im-*
 3 *plementation of each provision of law referred to in*
 4 *paragraph (1).*

5 **SEC. 1037. INTERAGENCY TASK FORCE ON LOW-HEAD DAMS**
 6 **AND FISH PASSAGES.**

7 (a) *IN GENERAL.*—*The Secretary shall establish an*
 8 *interagency task force (referred to in this section as the*
 9 *“task force”) to study low-head dams and fish passages.*

10 (b) *MEMBERSHIP.*—*The task force shall be composed*
 11 *of—*

12 (1) *the Assistant Secretary of the Army for Civil*
 13 *Works;*

14 (2) *the Director of the United States Fish and*
 15 *Wildlife Service;*

16 (3) *the Administrator of the Environmental Pro-*
 17 *tection Agency;*

18 (4) *the Administrator of the Federal Emergency*
 19 *Management Agency;*

20 (5) *the Chief of the Natural Resources Conserva-*
 21 *tion Service;*

22 (6) *the Chairman of the Federal Energy Regu-*
 23 *latory Commission;*

24 (7) *the Commissioner of Reclamation;*

25 (8) *the Assistant Secretary for Indian Affairs;*

1 (9) *the Director of the United States Geological*
2 *Survey; and*

3 (10) *the Chief of the Forest Service.*

4 (c) *MEETINGS.—The task force shall meet quarterly*
5 *and make available public summaries of the meetings.*

6 (d) *REPORT.—Not later than December 31, 2021, and*
7 *after providing an opportunity for public review and com-*
8 *ment, the task force shall submit to Congress a report that*
9 *includes—*

10 (1) *recommendations for interagency coopera-*
11 *tion, including shared grant programs or other co-*
12 *ordinated funding sources, to support monitoring,*
13 *tracking, and efforts to remove or refurbish low-head*
14 *dams to improve those structures and alleviate con-*
15 *cerns related to public safety, flood risk, fish passage,*
16 *wildlife conservation, water quality, and ecosystem*
17 *and environmental health;*

18 (2) *an analysis of the quality of existing data*
19 *and need for additional surveys or other studies, to be*
20 *conducted by Federal agencies in coordination with*
21 *States and Indian tribes, to determine—*

22 (A) *the locations and conditions of low-head*
23 *dams in the United States;*

24 (B) *the risk, if any, posed by those dams to*
25 *public safety, flood risk, fish passage, wildlife*

1 *conservation, water quality, and ecosystem and*
 2 *environmental health; and*

3 *(C) ownership and rights to access low-head*
 4 *dams; and*

5 *(3) a national strategy for identifying,*
 6 *prioritizing, and successfully removing or refur-*
 7 *bishing low-head dams of concern by not later than*
 8 *2030.*

9 **SEC. 1038. PROJECT COMPLETION.**

10 *Section 1157(a)(2) of the Water Infrastructure Im-*
 11 *provements for the Nation Act (130 Stat. 1666) is amended*
 12 *by striking “2021” and inserting “2024”.*

13 **SEC. 1039. LEVEE ACCREDITATION PROCESS; LEVEE CER-**
 14 **TIFICATIONS.**

15 *(a) SENSE OF CONGRESS.—It is the sense of Congress*
 16 *that the process developed by the Flood Protection Structure*
 17 *Accreditation Task Force established under section 100226*
 18 *of Public Law 112–141 (42 U.S.C. 4101 note; 126 Stat.*
 19 *942) should not be limited to levee systems in the inspection*
 20 *of completed works program of the Corps of Engineers, but*
 21 *should apply equally to federally owned levee systems oper-*
 22 *ated by the Secretary, including federally owned levee sys-*
 23 *tems operated by the Secretary as part of a reservoir*
 24 *project.*

1 (b) *LEVEE CERTIFICATIONS*.—Section 3014 of the
 2 *Water Resources Reform and Development Act of 2014* (42
 3 *U.S.C. 4131*) is amended—

4 (1) in subsection (a)—

5 (A) in paragraph (1)—

6 (i) by striking “under the inspection of
 7 completed works program” and inserting
 8 “for levee systems under the levee safety and
 9 dam safety programs”; and

10 (ii) by striking “and” at the end;

11 (B) in paragraph (2)—

12 (i) by striking “activities under the in-
 13 spection of completed works program of the
 14 Corps of Engineers” and inserting “the ac-
 15 tivities referred to in paragraph (1)”;

16 (ii) by striking “chapter 1” and insert-
 17 ing “chapter I”; and

18 (iii) by striking the period at the end
 19 and inserting “; and”; and

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

21 “(3) in the case of a levee system that is operated
 22 and maintained by the Corps of Engineers, to the
 23 maximum extent practicable, cooperate with local
 24 governments seeking a levee accreditation decision for

1 *the levee to provide information necessary to support*
 2 *the accreditation decision in a timely manner.”; and*
 3 (2) *in paragraph (b)(3), by adding at the end*
 4 *the following:*

5 “(C) *CONTRIBUTED FUNDS.—Notwith-*
 6 *standing subparagraph (B), a non-Federal inter-*
 7 *est may fund up to 100 percent of the cost of any*
 8 *activity carried out under this subsection.”.*

9 **SEC. 1040. REHABILITATION OF FLOOD CONTROL PUMP**
 10 **STATIONS AFFECTING CORPS OF ENGINEERS**
 11 **FLOOD RISK MANAGEMENT PROJECTS.**

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

13 (1) *ELIGIBLE PUMP STATION.—The term “eligi-*
 14 *ble pump station” means a pump station—*

15 (A) *that—*

16 (i) *has been constructed, in whole or in*
 17 *part, by the Corps of Engineers for flood*
 18 *risk management purposes; or*

19 (ii) *that has been constructed by non-*
 20 *Federal interests; and*

21 (B) *the failure of which would impair the*
 22 *function of a flood risk management project con-*
 23 *structed by the Corps of Engineers.*

24 (2) *REHABILITATE.—*

1 (A) *IN GENERAL.*—The term “rehabilitate”,
 2 with respect to an eligible pump station, means
 3 to address a major deficiency of the eligible
 4 pump station caused by long-term degradation of
 5 the foundation, construction materials, or engi-
 6 neering systems or components of the eligible
 7 pump station.

8 (B) *INCLUSIONS.*—The term “rehabilitate”,
 9 with respect to an eligible pump station, in-
 10 cludes—

11 (i) the incorporation into the eligible
 12 pump station of—

13 (I) current design standards;

14 (II) efficiency improvements; and

15 (III) associated drainage; and

16 (ii) increasing the capacity of the eligi-
 17 ble pump station, subject to the condition
 18 that the increase shall—

19 (I) significantly decrease the risk
 20 of loss of life and property damage; or

21 (II) decrease total lifecycle reha-
 22 bilitation costs for the eligible pump
 23 station.

1 (b) *AUTHORIZATION.*—*The Secretary may carry out*
2 *rehabilitation of an eligible pump station, if the Secretary*
3 *determines that the rehabilitation is feasible.*

4 (c) *COST SHARING.*—

5 (1) *FEDERAL PROJECTS.*—*The non-Federal share*
6 *of the cost of rehabilitation carried out pursuant to*
7 *this section at an eligible pump station constructed*
8 *by the Corps of Engineers shall be the equal to the*
9 *non-Federal share that was applicable to construction*
10 *of the eligible pump station.*

11 (2) *NON-FEDERAL PROJECTS.*—*A non-Federal*
12 *interest shall provide—*

13 (A) *an amount equal to 35 percent of the*
14 *cost of any rehabilitation carried out pursuant*
15 *to this section for a locally constructed eligible*
16 *pump station; and*

17 (B) *all land, easements, rights-of-way, and*
18 *necessary relocations associated with the reha-*
19 *bilitation described in subparagraph (A), at no*
20 *cost to the Federal Government.*

21 (d) *AGREEMENT REQUIRED.*—*The rehabilitation of an*
22 *eligible pump station pursuant to this section shall be initi-*
23 *ated only after a non-Federal interest has entered into a*
24 *binding agreement with the Secretary—*

1 (1) *to pay the non-Federal share of the costs of*
2 *rehabilitation under subsection (c); and*

3 (2) *to pay 100 percent of the operation and*
4 *maintenance costs of the rehabilitated eligible pump*
5 *station, in accordance with regulations promulgated*
6 *by the Secretary.*

7 (e) *TREATMENT.—The rehabilitation of an eligible*
8 *pump station pursuant to this section shall not be consid-*
9 *ered to be a separable element of the associated flood risk*
10 *management project constructed by the Corps of Engineers.*

11 (f) *AUTHORIZATION OF APPROPRIATIONS.—There is*
12 *authorized to be appropriated to carry out this section*
13 *\$75,000,000, to remain available until expended.*

14 (g) *SAVINGS PROVISION.—Nothing in this section af-*
15 *fects, preempts, or interferes with any obligation to comply*
16 *with the provisions of any Federal environmental law, in-*
17 *cluding—*

18 (1) *the National Environmental Policy Act of*
19 *1969 (42 U.S.C. 4321 et seq.);*

20 (2) *the Federal Water Pollution Control Act (33*
21 *U.S.C. 1251 et seq.); and*

22 (3) *the Endangered Species Act of 1973 (16*
23 *U.S.C. 1531 et seq.).*

1 **SEC. 1041. BRANDON ROAD STUDY.**

2 Section 3061(d)(2) of the Water Resources Develop-
3 ment Act of 2007 (121 Stat. 1121; 132 Stat. 3785) is
4 amended by striking the paragraph designation and head-
5 ing and all that follows through “any project” and inserting
6 the following:

7 “(2) COST SHARE.—

8 “(A) CONSTRUCTION.—The Federal share of
9 the cost of construction of any project authorized
10 to be carried out pursuant to the feasibility
11 study identified in paragraph (1) shall be 75
12 percent.

13 “(B) OPERATION AND MAINTENANCE.—Op-
14 eration and maintenance of any project”.

15 **SEC. 1042. CREDIT OR REIMBURSEMENT.**

16 (a) CREDIT OR REIMBURSEMENT FOR CONTRIBUTION
17 OF MATERIALS OR SERVICES.—Section 1024 of the Water
18 Resources Reform and Development Act of 2014 (33 U.S.C.
19 2325a) is amended—

20 (1) in subsection (a), in the matter preceding
21 paragraph (1), by striking “Subject to subsection (b),
22 the” and inserting “The”;

23 (2) by striking subsection (b);

24 (3) by redesignating subsections (c) and (d) as
25 subsections (b) and (h), respectively;

1 (4) *in subsection (b) (as so redesignated), by*
 2 *adding at the end the following:*

3 “(3) *INTEGRAL TO PROJECT.—The Secretary*
 4 *may provide reimbursement under subsection (c) only*
 5 *if the Secretary determines that the materials or serv-*
 6 *ices provided are integral to the project.*

7 “(4) *TIMELINESS.—The Secretary shall ensure*
 8 *that a reimbursement under subsection (c) is provided*
 9 *in a timely manner.”; and*

10 (5) *by inserting after subsection (b) (as so red-*
 11 *esignated) the following:*

12 “(c) *COST LIMITATIONS.—Except as provided in this*
 13 *section and subject to subsection (g), a non-Federal interest*
 14 *that contributes materials or services under subsection (a)*
 15 *shall be eligible for reimbursement, not to exceed an amount*
 16 *that is equal to the estimated Federal cost for the perform-*
 17 *ance of those materials or services.*

18 “(d) *AGREEMENT.—Before contributing materials or*
 19 *services under subsection (a), a non-Federal interest shall*
 20 *enter into an agreement with the Secretary that specifies,*
 21 *with respect to the use of those materials and services, the*
 22 *terms and conditions that are acceptable to the non-Federal*
 23 *interest and the Secretary.*

24 “(e) *REQUIREMENT.—As part of an agreement under*
 25 *subsection (a), a non-Federal interest shall hold and save*

1 *the United States free from any and all damage that arises*
 2 *from the use of any materials or services of the non-Federal*
 3 *interest, except for damage due to the fault or negligence*
 4 *of a contractor of the Federal Government.*

5 “(f) *USE OF EMERGENCY AUTHORITIES.*—*The Sec-*
 6 *retary may use existing emergency authorities of the Sec-*
 7 *retary following a flood or storm event to accept materials,*
 8 *services, or funds under this section if those materials, serv-*
 9 *ices, or funds are being used for the purpose of—*

10 “(1) *restoring an authorized navigation or flood*
 11 *risk management project up to authorized dimensions;*

12 “(2) *repairing or reconstructing any authorized*
 13 *navigation or flood risk management project, includ-*
 14 *ing other authorized associated features; or*

15 “(3) *any other activities the Secretary deter-*
 16 *mines to be in the public interest as a result of the*
 17 *emergency.*

18 “(g) *LIMITATIONS.*—*A reimbursement under sub-*
 19 *section (c) shall be—*

20 “(1) *subject to the availability of appropriations;*
 21 *and*

22 “(2) *subject to the compliance of the non-Federal*
 23 *interest with all Federal laws and regulations that*
 24 *would apply to the use of materials or services de-*

1 scribed in that subsection if provided by the Sec-
2 retary.”.

3 (b) *DETERMINING THE VALUE OF IN-KIND CONTRIBU-*
4 *TIONS.—Section 221(a)(4) of the Flood Control Act of 1970*
5 *(42 U.S.C. 1962d-5b(a)(4)) is amended—*

6 (1) *in subparagraph (A)—*

7 (A) *in the matter preceding clause (i), by*
8 *inserting “, as determined by the Secretary,”*
9 *after “value”;*

10 (B) *in clause (ii), by striking “and” at the*
11 *end;*

12 (C) *in clause (iii), by striking the period at*
13 *the end and inserting “; and”; and*

14 (D) *by adding at the end the following:*

15 “(iv) *the value of materials and serv-*
16 *ices contributed by non-Federal third par-*
17 *ties, without charge, to the non-Federal in-*
18 *terest for—*

19 “(I) *planning carried out after*
20 *execution of a feasibility cost-sharing*
21 *agreement; or*

22 “(II) *construction carried out*
23 *after execution of a partnership agree-*
24 *ment or in accordance with subpara-*
25 *graph (C).”;*

1 (2) in subparagraph (D)—

2 (A) in clause (ii), by inserting “and” after
3 the semicolon at the end;

4 (B) in clause (iii), by striking “; and” and
5 inserting a period; and

6 (C) by striking clause (iv);

7 (3) by redesignating subparagraph (H) as sub-
8 paragraph (I); and

9 (4) by inserting after subparagraph (G) the fol-
10 lowing:

11 “(H) *TIMELINESS.*—The Secretary shall en-
12 sure that a credit under subparagraph (A) is
13 provided in a timely manner.”.

14 (c) *TIMELINESS.*—Section 1022 of the Water Resources
15 Reform and Development Act of 2014 (33 U.S.C. 2225) is
16 amended by adding at the end the following:

17 “(d) *TIMELINESS.*—The Secretary shall ensure that a
18 reimbursement described in this section is provided in a
19 timely manner.”.

20 **SEC. 1043. EMERGENCY CONTRACTING.**

21 (a) *IN GENERAL.*—In carrying out emergency work in
22 an area with respect to which the President has declared
23 a major disaster under section 401 of the Robert T. Stafford
24 Disaster Relief and Emergency Assistance Act (42 U.S.C.
25 5170), the Secretary shall, in competitive acquisitions,

1 *maximize use of tradeoff procedures that place approxi-*
 2 *mately equal or greater importance on schedule and other*
 3 *non-price factors relative to cost or price.*

4 *(b) SAVINGS PROVISION.—Nothing in this section lim-*
 5 *its or otherwise affects authority provided to the Secretary*
 6 *under any other statute or regulation to select procedures*
 7 *permitting other than full and open competition when car-*
 8 *rying out work described in subsection (a).*

9 **SEC. 1044. PROJECT PARTNERSHIP AGREEMENT.**

10 *Section 103(j)(1) of the Water Resources Development*
 11 *Act of 1986 (33 U.S.C. 2213(j)(1)) is amended—*

12 *(1) by striking “Any project” and inserting the*
 13 *following:*

14 *“(A) IN GENERAL.—Any project”; and*

15 *(2) by adding at the end the following:*

16 *“(B) INCLUSION.—An agreement under sub-*
 17 *paragraph (A) shall include a brief description*
 18 *of and estimated costs for anticipated operation,*
 19 *maintenance, repair, replacement, and rehabili-*
 20 *tation obligations of the non-Federal interest for*
 21 *the project.”.*

22 **SEC. 1045. ACCEPTANCE OF FUNDS FOR HARBOR DREDG-**
 23 **ING.**

24 *The Secretary may accept and expend funds contrib-*
 25 *uted by a State or other non-Federal interest—*

1 (1) *to dredge a non-Federal harbor or channel;*

2 *or*

3 (2) *to provide technical assistance related to the*
 4 *planning and design of dredging activities in a non-*
 5 *Federal harbor or channel.*

6 **SEC. 1046. EMERGENCY FLOODING PROTECTION FOR**
 7 **LAKES.**

8 *The Secretary shall submit to Congress a report on the*
 9 *extent to which the program under section 5 of the Act of*
 10 *August 18, 1941 (commonly known as the “Flood Control*
 11 *Act of 1941”)* (55 Stat. 650, chapter 377; 33 U.S.C. 701n),
 12 *applies to lakes, including lakes with the flow of a slow-*
 13 *moving river, including, if applicable, recommendations for*
 14 *legislative changes to ensure that such lakes are eligible for*
 15 *the program.*

16 **SEC. 1047. LEVEE SAFETY.**

17 *Section 9004 of the Water Resources Development Act*
 18 *of 2007 (33 U.S.C. 3303) is amended by adding at the end*
 19 *the following:*

20 “(d) **IDENTIFICATION OF DEFICIENCIES.**—

21 “(1) **IN GENERAL.**—*For each levee identified in*
 22 *the national levee database under subsection (a), the*
 23 *Secretary shall—*

24 “(A) *identify the specific engineering and*
 25 *maintenance deficiencies, if any;*

1 “(B) describe the recommended remedies to
 2 correct each deficiency identified under subpara-
 3 graph (A) and the associated costs of those rem-
 4 edies.

5 “(2) CONSULTATION.—In identifying deficiencies
 6 and describing remedies for a levee under paragraph
 7 (1), the Secretary shall consult with relevant non-Fed-
 8 eral interests, including by providing an opportunity
 9 for comment by those non-Federal interests.”.

10 **SEC. 1048. REPLACEMENT CAPACITY.**

11 Section 217(a) of the Water Resources Development
 12 Act of 1996 (33 U.S.C. 2326a(a)) is amended—

13 (1) in the subsection heading, by inserting “OR
 14 REPLACEMENT CAPACITY” after “ADDITIONAL CAPAC-
 15 ITY”;

16 (2) by striking paragraph (1) and inserting the
 17 following:

18 “(1) PROVIDED BY SECRETARY.—

19 “(A) IN GENERAL.—Subject to subpara-
 20 graph (B), at the request of a non-Federal inter-
 21 est with respect to a project, the Secretary
 22 may—

23 “(i) provide additional capacity at a
 24 dredged material disposal facility con-
 25 structed by the Secretary beyond the capac-

1 *ity that would be required for project pur-*
2 *poses; or*

3 *“(ii) permit the use of dredged mate-*
4 *rial disposal facility capacity required for*
5 *project purposes by the non-Federal interest*
6 *if the Secretary determines that replacement*
7 *capacity can be constructed at the facility*
8 *or another facility or site before such capac-*
9 *ity is needed for project purposes.*

10 *“(B) AGREEMENT.—Before the Secretary*
11 *takes an action under subparagraph (A), the*
12 *non-Federal interest shall agree to pay—*

13 *“(i) all costs associated with the con-*
14 *struction of the additional capacity or re-*
15 *placement capacity in advance of construc-*
16 *tion of such capacity; and*

17 *“(ii) in the case of use by a non-Fed-*
18 *eral interest of dredged material disposal*
19 *capacity required for project purposes under*
20 *subparagraph (A)(ii), any increase in the*
21 *cost of operation and maintenance of the*
22 *project that the Secretary determines results*
23 *from the use of the project capacity by the*
24 *non-Federal interest in advance of each*
25 *cycle of dredging.*

1 “(C) *CREDIT.*—*In the event the Secretary*
 2 *determines that the cost to operate or maintain*
 3 *the project decreases as a result of use by the*
 4 *non-Federal interest of dredged material disposal*
 5 *capacity required for project purposes under sub-*
 6 *paragraph (A)(ii), the Secretary, at the request*
 7 *of the non-Federal interest, shall credit the*
 8 *amount of the decrease toward any cash con-*
 9 *tribution of the non-Federal interest required*
 10 *thereafter for construction, operation, or mainte-*
 11 *nance of the project, or of another navigation*
 12 *project.”;*

13 (3) *in paragraph (2), in the first sentence, by in-*
 14 *serting “under paragraph (1)(A)(i)” after “additional*
 15 *capacity”;* and

16 (4) *by adding at the end the following:*

17 “(3) *SPECIAL RULE FOR DESIGNATION OF RE-*
 18 *PLACEMENT CAPACITY FACILITY OR SITE.*—

19 “(A) *IN GENERAL.*—*Subject to such terms*
 20 *and conditions as the Secretary determines to be*
 21 *necessary or advisable, an agreement under*
 22 *paragraph (1)(B) for use permitted under para-*
 23 *graph (1)(A)(ii) shall reserve to the non-Federal*
 24 *interest—*

1 “(i) the right to submit to the Sec-
2 retary for approval at a later date an alter-
3 native to the facility or site designated in
4 the agreement for construction of replace-
5 ment capacity; and

6 “(ii) the right to construct the replace-
7 ment capacity at the alternative facility or
8 site at the expense of the non-Federal inter-
9 est.

10 “(B) REQUIREMENT.—The Secretary shall
11 not reject a site for the construction of replace-
12 ment capacity under paragraph (1)(A)(ii) that
13 is submitted by the non-Federal interest for ap-
14 proval by the Secretary before the date of execu-
15 tion of the agreement under paragraph (1)(B),
16 or thereafter, unless the Secretary—

17 “(i) determines that the site is environ-
18 mentally unacceptable or technically un-
19 sound; and

20 “(ii) provides a written basis for the
21 determination under clause (i) to the non-
22 Federal interest.”.

1 **SEC. 1049. IMPLEMENTATION GUIDANCE FOR POST-FLOOD**
 2 **IMPROVEMENTS.**

3 *The Secretary shall expedite completion of implemen-*
 4 *tation guidance for the amendments made by section 1176*
 5 *of the Water Infrastructure Improvements for the Nation*
 6 *Act (130 Stat. 1673).*

7 **SEC. 1050. WILLAMETTE VALLEY PROJECT WATER RE-**
 8 **ALLOCATION.**

9 *(a) IN GENERAL.—The Secretary, in consultation with*
 10 *affected Indian tribes, shall assist the State of Oregon in*
 11 *the implementation of the reallocation of water within the*
 12 *Willamette Basin, including the development of instream*
 13 *flow targets and facilitation of the conversion of Willamette*
 14 *Valley Project stored water to instream water rights to en-*
 15 *sure fish and wildlife benefits, as required by the biological*
 16 *opinion for the Willamette Basin Review issued by the Na-*
 17 *tional Marine Fisheries Service on June 28, 2019.*

18 *(b) AUTHORIZATION OF APPROPRIATIONS.—There is*
 19 *authorized to be appropriated to carry out this section*
 20 *\$2,000,000, to remain available until expended.*

21 **SEC. 1051. CENTRAL APPALACHIA WATER.**

22 *(a) IN GENERAL.—The Secretary shall establish a pro-*
 23 *gram for providing environmental assistance to non-Fed-*
 24 *eral interests in Central and North Central Appalachia (as*
 25 *defined by the Appalachian Regional Commission).*

1 (b) *FORM OF ASSISTANCE.*—Assistance under this sec-
 2 tion may be in the form of design and construction assist-
 3 ance for water-related environmental infrastructure and re-
 4 source protection and development projects in Central and
 5 North Central Appalachia (as defined by the Appalachian
 6 Regional Commission), including projects for wastewater
 7 treatment and related facilities, water supply and related
 8 facilities, and surface water resource protection and devel-
 9 opment.

10 (c) *PUBLIC OWNERSHIP.*—The Secretary may provide
 11 assistance for a project under this section only if the project
 12 is publicly owned.

13 (d) *LOCAL COOPERATION AGREEMENTS.*—

14 (1) *IN GENERAL.*—Before providing assistance
 15 under this section, the Secretary shall enter into a
 16 local cooperation agreement with the non-Federal in-
 17 terest to provide for design and construction of the
 18 project to be carried out with the assistance.

19 (2) *REQUIREMENTS.*—Each local cooperation
 20 agreement entered into under this subsection shall
 21 provide for the following:

22 (A) *PLAN.*—Development by the Secretary,
 23 in consultation with appropriate Federal and
 24 State officials, of a facilities or resource protec-

tion and development plan, including appropriate engineering plans and specifications.

(B) *LEGAL AND INSTITUTIONAL STRUCTURES.*—Establishment of any legal and institutional structures as are necessary to ensure the effective long-term operation of the project by the non-Federal interest.

(3) *COST SHARING.*—

(A) *IN GENERAL.*—The Federal share of the cost of a project carried out with assistance under this section shall be 75 percent.

(B) *CREDIT FOR DESIGN WORK.*—The non-Federal interest shall receive credit toward the non-Federal share for the reasonable costs of design work completed by the non-Federal interest before entering into a local cooperation agreement with the Secretary for a project.

(C) *CREDIT FOR INTEREST.*—In case of a delay in the funding of the non-Federal share of a project carried out with assistance under this section, the non-Federal interest shall receive credit for reasonable interest incurred in providing the non-Federal share of the cost of the project.

1 (D) *LAND, EASEMENTS, AND RIGHTS-OF-*
 2 WAY CREDIT.—*The non-Federal interest shall re-*
 3 ceive credit toward the non-Federal share for
 4 land, easements, rights-of-way, and relocations
 5 (including all reasonable costs associated with
 6 obtaining permits necessary for the construction,
 7 operation, and maintenance of the project on
 8 publicly owned or controlled land), not to exceed
 9 25 percent of the total cost of the project.

10 (E) *OPERATION AND MAINTENANCE.*—*The*
 11 non-Federal share of operation and maintenance
 12 costs for a project carried out with assistance
 13 under this section shall be 100 percent.

14 (e) *APPLICABILITY OF OTHER FEDERAL AND STATE*
 15 *LAWS.*—*Nothing in this section waives, limits, or otherwise*
 16 affects the applicability of any provision of Federal or State
 17 law that would otherwise apply to a project to be carried
 18 out with assistance under this section.

19 (f) *NONPROFIT ENTITIES.*—*For the purposes of this*
 20 section, a non-Federal interest may include a nonprofit en-
 21 tity with the consent of the affected local government.

22 (g) *ADMINISTRATIVE COSTS.*—*Not more than 10 per-*
 23 cent of the amounts made available to carry out this section
 24 may be used by the district offices of the Corps of Engineers
 25 for the administrative costs of carrying out this section.

1 (h) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*
 2 *authorized to be appropriated to carry out this section*
 3 *\$120,000,000, to remain available until expended.*

4 **SEC. 1052. REVIEWING HYDROPOWER AT CORPS OF ENGI-**
 5 **NEERS FACILITIES.**

6 *Section 1008 of the Water Resources Reform and De-*
 7 *velopment Act of 2014 (33 U.S.C. 2321b) is amended by*
 8 *adding at the end the following:*

9 “(c) *REVIEWING HYDROPOWER AT CORPS OF ENGI-*
 10 *NEERS FACILITIES.*—

11 “(1) *DEFINITION OF ELIGIBLE NON-FEDERAL IN-*
 12 *TEREST.*—*In this subsection, the term ‘eligible non-*
 13 *Federal interest’ means a non-Federal interest that*
 14 *owns or operates an existing non-Federal hydropower*
 15 *facility at a Corps of Engineers project.*

16 “(2) *EVALUATION.*—

17 “(A) *IN GENERAL.*—*On the written request*
 18 *of an eligible non-Federal interest, the Secretary*
 19 *shall conduct an evaluation to consider oper-*
 20 *ational changes at the applicable project to fa-*
 21 *cilitate production of non-Federal hydropower,*
 22 *consistent with authorized project purposes.*

23 “(B) *DEADLINE.*—*Not later than 180 days*
 24 *after the date on which the Secretary receives a*
 25 *written request under subparagraph (A), the Sec-*

1 *retary shall provide to the non-Federal interest a*
 2 *written response to inform the non-Federal inter-*
 3 *est—*

4 *“(i) that the Secretary has approved*
 5 *the request to conduct an evaluation; or*

6 *“(ii) of any additional information*
 7 *necessary for the Secretary to approve the*
 8 *request to conduct an evaluation.*

9 *“(3) OPERATIONAL CHANGES.—An operational*
 10 *change referred to in paragraph (2)(A) may in-*
 11 *clude—*

12 *“(A) changes to seasonal pool levels;*

13 *“(B) modifying releases from the project;*
 14 *and*

15 *“(C) other changes included in the written*
 16 *request submitted under that paragraph that en-*
 17 *hance the usage of the project to facilitate pro-*
 18 *duction of non-Federal hydropower, consistent*
 19 *with authorized project purposes.*

20 *“(4) COST-SHARE.—The eligible non-Federal in-*
 21 *terest shall pay 100 percent of the costs associated*
 22 *with an evaluation under this subsection, including*
 23 *the costs to prepare the report under paragraph (6).*

24 *“(5) DEADLINE.—The Secretary shall complete*
 25 *an evaluation under this subsection by the date that*

1 *is not later than 1 year after the date on which the*
2 *Secretary begins the evaluation.*

3 “(6) *REPORT.—On completion of an evaluation*
4 *under this subsection, the Secretary shall submit to*
5 *the Committee on Environment and Public Works of*
6 *the Senate and the Committee on Transportation and*
7 *Infrastructure of the House of Representatives a re-*
8 *port on the effects of the operational changes proposed*
9 *by the non-Federal interest and examined in the eval-*
10 *uation on the authorized purposes of the project, in-*
11 *cluding a description of any negative impacts of the*
12 *proposed operational changes on the authorized pur-*
13 *poses of the project.*

14 “(7) *SAVINGS PROVISION.—Nothing in this sub-*
15 *section—*

16 “(A) *affects, modifies, or changes the au-*
17 *thorized purposes of a Corps of Engineers*
18 *project; or*

19 “(B) *affects existing authorities of the Corps*
20 *of Engineers, including authorities with respect*
21 *to navigation, flood damage reduction, environ-*
22 *mental protection and restoration, and other re-*
23 *lated purposes.”.*

1 **SEC. 1053. ESTABLISHING PERMANENT FEATURES FROM**
 2 **EMERGENCY RESPONSE MEASURES.**

3 (a) *DEFINITIONS.—In this section:*

4 (1) *IMPACTED COMMUNITY.—The term “im-*
 5 *pacted community” means an entity that has received*
 6 *emergency flood fighting assistance under section 5 of*
 7 *the Act of August 18, 1941 (commonly known as the*
 8 *“Flood Control Act of 1941”) (55 Stat. 650, chapter*
 9 *377; 33 U.S.C. 701n), that involved the construction*
 10 *of a temporary structure.*

11 (2) *PERMANENT FEATURE.—The term “perma-*
 12 *nent feature” means a structural or nonstructural*
 13 *measure typical in a flood control project.*

14 (3) *SMALL OR DISADVANTAGED COMMUNITY.—*
 15 *The term “small or disadvantaged community”*
 16 *means a community—*

17 (A) *with a population of less than 10,000;*

18 *or*

19 (B) *that is—*

20 (i) *an economically distressed area (as*
 21 *defined in section 1083(a)); or*

22 (ii) *at risk from repeat flooding events.*

23 (b) *EVALUATION OF TEMPORARY STRUCTURES.—On*
 24 *request of an impacted community, the Secretary shall*
 25 *evaluate whether the temporary structure warrants consid-*

1 *eration for a permanent feature, in accordance with sub-*
2 *section (c).*

3 *(c) CONSIDERATIONS.—In evaluating a temporary*
4 *structure under subsection (b), the Secretary shall con-*
5 *sider—*

6 *(1) the likelihood that a similar structure will*
7 *need to be constructed in the area in the future if the*
8 *temporary structure, or a similar structure, is not*
9 *made permanent;*

10 *(2) the extent to which similar structures have*
11 *been constructed in the area previously and removed;*

12 *(3) the economic, safety, and environmental ben-*
13 *efits and impacts of establishing a permanent feature*
14 *in the watershed of the impacted community;*

15 *(4) the extent of the modifications necessary to*
16 *make the temporary structure a permanent feature;*
17 *and*

18 *(5) the costs of the modifications described in*
19 *paragraph (4).*

20 *(d) CONVERSION OF TEMPORARY STRUCTURES.—*

21 *(1) IN GENERAL.—After the Secretary completes*
22 *an evaluation under subsection (b), if the Secretary*
23 *determines that the temporary structure should be-*
24 *come a permanent feature, or that a permanent fea-*
25 *ture would prevent damage similar to damage pre-*

1 *vented by the temporary structure, and subject to*
2 *paragraph (2), the Secretary shall begin the planning*
3 *and design of the permanent feature in accordance*
4 *with all applicable design and construction standards*
5 *and legal requirements of the Secretary, including all*
6 *applicable environmental laws.*

7 (2) *PROJECT COST.—*

8 (A) *IN GENERAL.—The Secretary may*
9 *carry out the planning, design, and construction*
10 *of a project described in paragraph (1) if the*
11 *total construction cost of the project is not ex-*
12 *pected to exceed \$17,500,000.*

13 (B) *LARGE PROJECTS.—If the total con-*
14 *struction cost of a project described in paragraph*
15 *(1) is expected to be greater than \$17,500,000,*
16 *the Secretary—*

17 (i) *shall submit to Congress a request*
18 *to carry out the project in a manner simi-*
19 *lar to a Chief's Report; and*

20 (ii) *may not carry out the project until*
21 *Congress authorizes the construction of the*
22 *project.*

23 (C) *DEMOLITION.—Demolition of a tem-*
24 *porary structure under this section shall be sub-*
25 *ject to the cost-share requirement under para-*

graph (3), but the costs of that demolition shall not be included in the total construction cost of the project under subparagraphs (A) and (B).

(3) *COST-SHARE.*—

(A) *IN GENERAL.*—Except as provided in subparagraph (B), the non-Federal share of the cost of carrying out a project under this section shall be not more than 35 percent.

(B) *WAIVER FOR SMALL OR DISADVANTAGED COMMUNITIES.*—In carrying out a project under this section in partnership with a small or disadvantaged community, if the Secretary determines that the life safety or economic viability of the community would be threatened without the project, the Secretary shall reduce the non-Federal cost share applicable to the project through a mutual agreement between the Corps of Engineers and the non-Federal interest, in an amount that is—

(i) not less than 10 percent of the total project cost; and

(ii) up to 100 percent of the non-Federal cost share applicable to the project.

1 **SEC. 1054. STUDIES OF WATER RESOURCES DEVELOPMENT**
 2 **PROJECTS BY NON-FEDERAL INTERESTS.**

3 *Section 203 of the Water Resources Development Act*
 4 *of 1986 (33 U.S.C. 2231) is amended—*

5 *(1) in subsection (a)—*

6 *(A) in paragraph (1), by inserting “or con-*
 7 *duct a feasibility study on modifications or im-*
 8 *provements to a project constructed by the Corps*
 9 *of Engineers” after “water resources development*
 10 *project”; and*

11 *(B) in paragraph (2), by striking “for feasi-*
 12 *bility studies” and all that follows through the*
 13 *period at the end and inserting “for feasibility*
 14 *studies of water resources development projects*
 15 *conducted by non-Federal interests to provide*
 16 *sufficient information for the formulation of the*
 17 *studies, including processes and procedures re-*
 18 *lated to reviews and assistance under subsection*
 19 *(e).”; and*

20 *(2) in subsection (e)(2)—*

21 *(A) by striking “At the request” and insert-*
 22 *ing the following:*

23 *“(A) IN GENERAL.—At the request”; and*

24 *(B) by adding at the end the following:*

25 *“(B) INCLUSION.—Technical assistance*
 26 *under subparagraph (A) may include any assist-*

1 *ance that does not conflict with any other Fed-*
 2 *eral law (including regulations).”.*

3 **SEC. 1055. SUBSURFACE DRAIN SYSTEMS RESEARCH AND**
 4 **DEVELOPMENT.**

5 *(a) IN GENERAL.—Subject to the availability of appro-*
 6 *priations, the Secretary, acting through the Director of the*
 7 *Engineer Research and Development Center, shall carry out*
 8 *research and development activities relating to the use of*
 9 *subsurface drain systems as—*

10 *(1) a flood risk-reduction measure; or*

11 *(2) a coastal storm risk-reduction measure.*

12 *(b) AUTHORIZATION OF APPROPRIATIONS.—There is*
 13 *authorized to be appropriated to carry out this section*
 14 *\$5,000,000, to remain available until expended.*

15 **SEC. 1056. LIMITATION ON CONTRACT EXECUTION IN THE**
 16 **ARKANSAS RIVER BASIN.**

17 *(a) DEFINITION OF COVERED CONTRACT.—In this sec-*
 18 *tion, the term “covered contract” means a contract between*
 19 *any local governmental entity and the Secretary for water*
 20 *supply storage in a Federal or non-Federal hydropower lake*
 21 *within the Arkansas River Basin.*

22 *(b) LIMITATION.—For any new covered contract for a*
 23 *hydropower lake that is entered into during the period be-*
 24 *ginning on the date of enactment of this Act and ending*
 25 *on December 31, 2022, a local governmental entity shall*

1 *not pay more than 110 percent of the initial principal cost*
 2 *for the acre-feet being sought for the new covered contract*
 3 *for that hydropower lake.*

4 **SEC. 1057. SUPPORT FOR MITIGATION EFFORTS FOR SMALL**
 5 **DAMS IN NATIONAL HERITAGE CORRIDORS.**

6 *In carrying out a project for ecosystem restoration, the*
 7 *Secretary is authorized to formulate and carry out fish pas-*
 8 *sage measures at a dam associated with a small hydro-*
 9 *electric power project that are otherwise the legal obligation*
 10 *of the hydroelectric power project licensee or exemption*
 11 *holder to provide under the Federal Power Act (16 U.S.C.*
 12 *791a et seq.), if the ecosystem restoration project is located*
 13 *in a National Heritage Area located within the boundaries*
 14 *of the North Atlantic Division of the Corps of Engineers.*

15 **SEC. 1058. REPORT ON BARRIERS TO INFRASTRUCTURE DE-**
 16 **VELOPMENT AT UNITED STATES PORTS.**

17 *Not later than 180 days after the date of enactment*
 18 *of this Act, the Secretary, in consultation with the heads*
 19 *of all relevant Federal agencies, shall submit to Congress*
 20 *a report on—*

21 *(1) the barriers to infrastructure and capital im-*
 22 *provement projects faced by ports and port authori-*
 23 *ties;*

1 (2) *the impact those barriers have on the stra-*
 2 *tegic competitiveness of ports of the United States;*
 3 *and*

4 (3) *recommendations to reduce those barriers.*

5 **SEC. 1059. RYE HARBOR, NEW HAMPSHIRE, NAVIGATION IM-**
 6 **PROVEMENT PROJECT.**

7 *The Secretary shall expedite authorized activities to*
 8 *address the impacts of shoaling affecting the project for*
 9 *navigation, Rye Harbor, New Hampshire, authorized by*
 10 *section 101 of the River and Harbor Act of 1960 (74 Stat.*
 11 *480).*

12 **SEC. 1060. CAPE ARUNDEL DISPOSAL SITE, MAINE.**

13 *Section 1312 of the America's Water Infrastructure*
 14 *Act of 2018 (132 Stat. 3821) is amended by striking "De-*
 15 *cember 31, 2021" and inserting "September 30, 2024".*

16 **SEC. 1061. RIO GRANDE ENVIRONMENTAL MANAGEMENT**
 17 **PROGRAM, COLORADO, NEW MEXICO, AND**
 18 **TEXAS.**

19 *Section 5056(f) of the Water Resources Development*
 20 *Act of 2007 (121 Stat. 1214; 128 Stat. 1315) is amended*
 21 *by striking "2019" and inserting "2024".*

22 **SEC. 1062. RESTORATION OF ABANDONED SITES.**

23 *Section 560(f) of the Water Resources Development Act*
 24 *of 1999 (33 U.S.C. 2336(f)) is amended by striking*

1 “\$20,000,000” and inserting “\$30,000,000, to remain
2 available until expended”.

3 **SEC. 1063. RURAL WESTERN WATER.**

4 (a) *IN GENERAL.*—Section 595(i) of the Water Re-
5 sources Development Act of 1999 (113 Stat. 383; 128 Stat.
6 1613; 130 Stat. 1681) is amended by striking
7 “\$435,000,000” and inserting “\$500,000,000”.

8 (b) *PROGRAM MANAGER.*—The Secretary shall appoint
9 a headquarters employee of the Corps of Engineers as a Pro-
10 gram Manager, who shall be responsible for managing the
11 environmental infrastructure program under section 595 of
12 the Water Resources Development Act of 1999 (113 Stat.
13 383).

14 **SEC. 1064. THAD COCHRAN LOCK AND DAM.**

15 (a) *SENSE OF CONGRESS.*—It is the sense of Congress
16 that Thad Cochran, whose selfless determination and tire-
17 less work, while serving as a congressman and United
18 States Senator from Mississippi for 45 years, contributed
19 greatly to the realization and success of the Tennessee-
20 Tombigbee Waterway.

21 (b) *DESIGNATION.*—The lock and dam located at mile
22 371 on the Tennessee-Tombigbee Waterway, Mississippi,
23 shall be known and designated as the “Thad Cochran Lock
24 and Dam”.

1 (c) *REFERENCES.*—Any reference in a law, map, regu-
 2 lation, document, paper, or other record of the United
 3 States to the lock and dam referred to in subsection (b) shall
 4 be deemed to be a reference to the “Thad Cochran Lock and
 5 Dam”.

6 **SEC. 1065. REPORT ON CORPS OF ENGINEERS FACILITIES**
 7 **IN APPALACHIA.**

8 Not later than 180 days after the date of enactment
 9 of this Act, the Secretary, in collaboration with the Appa-
 10 lachian Regional Commission established by section
 11 14301(a) of title 40, United States Code, shall submit to
 12 the Committee on Environment and Public Works of the
 13 Senate and the Committee on Transportation and Infra-
 14 structure of the House of Representatives a report that iden-
 15 tifies each Corps of Engineers facility that—

16 (1) is located within a distressed county (as des-
 17 ignated by the Appalachian Regional Commission
 18 pursuant to section 14526(a)(1)(A) of title 40, United
 19 States Code), with an emphasis on counties that have
 20 experienced job loss in the mining, textiles, or timber
 21 industry; and

22 (2) could be improved for purposes of economic
 23 development, recreation, or other uses.

1 **SEC. 1066. REPORT ON CORPS OF ENGINEERS HYDRO-**
 2 **POWER FACILITIES IN APPALACHIA.**

3 (a) *IN GENERAL.*—*The Secretary, in collaboration*
 4 *with the Appalachian Regional Commission established by*
 5 *section 14301(a) of title 40, United States Code, the Sec-*
 6 *retary of Energy, and the Federal Energy Regulatory Com-*
 7 *mission, shall conduct a study—*

8 (1) *to determine the potential, at Corps of Engi-*
 9 *neers facilities that are located within a county that*
 10 *is identified by the Appalachian Regional Commis-*
 11 *sion as a distressed county or an at-risk county under*
 12 *subparagraph (A) or (B) of section 14526(a)(1) of*
 13 *title 40, United States Code, for—*

14 (A) *testing, evaluating, piloting, dem-*
 15 *onstrating, or deploying hydropower or energy*
 16 *storage technologies; and*

17 (B) *powering non-powered dams; and*

18 (2) *to identify previously proposed dam sites in*
 19 *distressed counties (as designated by the Appalachian*
 20 *Regional Commission pursuant to section*
 21 *14526(a)(1)(A) of title 40, United States Code) that*
 22 *may be suitable for activities described in subpara-*
 23 *graphs (A) and (B) of paragraph (1).*

24 (b) *COORDINATION.*—*In carrying out the study under*
 25 *subsection (a), the Secretary shall coordinate with any rel-*
 26 *evant National Laboratories.*

1 (c) *REPORT*.—Not later than 180 days after the date
 2 of enactment of this Act, the Secretary, in collaboration
 3 with the Appalachian Regional Commission established by
 4 section 14301(a) of title 40, United States Code, the Sec-
 5 retary of Energy, and the Federal Energy Regulatory Com-
 6 mission, shall submit a report on the results of the study
 7 under subsection (a) to—

8 (1) *the Committee on Environment and Public*
 9 *Works of the Senate;*

10 (2) *the Committee on Transportation and Infra-*
 11 *structure of the House of Representatives;*

12 (3) *the Committee on Energy and Natural Re-*
 13 *sources of the Senate; and*

14 (4) *the Committee on Energy and Commerce of*
 15 *the House of Representatives.*

16 **SEC. 1067. HARRIS COUNTY, TEXAS.**

17 *Section 575 of the Water Resources Development Act*
 18 *of 1996 (110 Stat. 3789; 113 Stat. 311; 121 Stat. 1253)*
 19 *is repealed.*

20 **SEC. 1068. IDENTIFICATION OF NONPOWERED DAMS FOR**
 21 **HYDROPOWER DEVELOPMENT.**

22 *The Secretary shall expedite completion of the list re-*
 23 *quired under section 1206 of the America's Water Infra-*
 24 *structure Act of 2018 (132 Stat. 3806).*

1 **SEC. 1069. INLAND WATERWAY TRANSPORTATION.**

2 *Section 102 of the Water Resources Development Act*
 3 *of 1986 (33 U.S.C. 2212) is amended by striking subsection*
 4 *(a) and inserting the following:*

5 “(a) **CONSTRUCTION.**—

6 “(1) **DEFINITION OF CONSTRUCTION.**—*In this*
 7 *subsection, the term ‘construction’ includes—*

8 “(A) *planning, design, engineering, and*
 9 *surveying;*

10 “(B) *the acquisition of all land, easements,*
 11 *and rights-of-way necessary for the project, in-*
 12 *cluding land for disposal of dredged material;*
 13 *and*

14 “(C) *relocations necessary for the project.*

15 “(2) **COST-SHARE.**—*Except as provided in para-*
 16 *graph (3), with respect to the cost of construction or*
 17 *major rehabilitation of a project for navigation on an*
 18 *inland waterway—*

19 “(A) *65 percent shall be paid from amounts*
 20 *appropriated from the general fund of the Treas-*
 21 *ury; and*

22 “(B) *35 percent shall be paid from amounts*
 23 *appropriated from the Inland Waterways Trust*
 24 *Fund.*

25 “(3) **CERTAIN PROJECTS.**—

1 “(A) *IN GENERAL.*—With respect to the cost
2 of construction or major rehabilitation of a
3 project described in subparagraph (B)—

4 “(i) 50 percent shall be paid from
5 amounts appropriated from the general
6 fund of the Treasury; and

7 “(ii) 50 percent shall be paid from
8 amounts appropriated from the Inland Wa-
9 terways Trust Fund.

10 “(B) *PROJECTS DESCRIBED.*—A project re-
11 ferred to in subparagraph (A) is—

12 “(i) a project authorized by title III;

13 “(ii) a project authorized by section
14 1103(j); and

15 “(iii) a project authorized by section
16 844, with respect to the construction costs
17 allocated to inland navigation.

18 “(4) *APPLICATION.*—

19 “(A) *IN GENERAL.*—This subsection shall
20 apply to the construction or major rehabilitation
21 of a project for navigation on an inland water-
22 way—

23 “(i) that was authorized on or after the
24 date of enactment of this Act; and

1 “(ii) for which the construction or
 2 major rehabilitation has not been initiated
 3 or completed by the date of enactment of the
 4 America’s Water Infrastructure Act of 2020.

5 “(B) OTHER PROJECTS.—Construction or
 6 major rehabilitation of a project for navigation
 7 on the inland waterways that was authorized be-
 8 fore the date of enactment of this Act, and for
 9 which construction was completed prior to the
 10 date of enactment of the America’s Water Infra-
 11 structure Act of 2020, shall be subject to this sub-
 12 section as it was in effect on the day before the
 13 date of enactment of the America’s Water Infra-
 14 structure Act of 2020.”.

15 **SEC. 1070. FEDERAL INTEREST DETERMINATION.**

16 Section 905 of the Water Resources Development Act
 17 of 1986 (33 U.S.C. 2282) is amended by inserting after sub-
 18 section (a) the following:

19 “(b) **FEDERAL INTEREST DETERMINATION.**—

20 “(1) **IN GENERAL.**—Before initiating a study
 21 under subsection (a), the Secretary shall determine
 22 the Federal interest in carrying out the study and the
 23 projects that may be proposed in the study.

24 “(2) **COST-SHARE.**—The costs of a determination
 25 under paragraph (1)—

1 “(A) shall be at full Federal expense; and

2 “(B) shall not exceed \$100,000.

3 “(3) DEADLINE.—

4 “(A) IN GENERAL.—A determination under
5 paragraph (1) shall be completed by not later
6 than 120 days after the date on which funds are
7 made available to the Secretary for the deter-
8 mination.

9 “(B) TREATMENT.—

10 “(i) TIMING.—The period during
11 which the determination is being completed
12 under paragraph (1) for a study shall not
13 be included for purposes of the deadline to
14 complete a final feasibility report under sec-
15 tion 1001(a)(1) of the Water Resources Re-
16 form and Development Act of 2014 (33
17 U.S.C. 2282c(a)(1)).

18 “(ii) COST.—The cost of a determina-
19 tion under paragraph (1) shall not be in-
20 cluded for purposes of the maximum Fed-
21 eral cost under section 1001(a)(2) of the
22 Water Resources Reform and Development
23 Act of 2014 (33 U.S.C. 2282c(a)(2)).”.

1 **SEC. 1071. REPORT ON SINGLE LEVEE STANDARD.**

2 *Not later than 180 days after the date of enactment*
 3 *of this Act, the Secretary, in coordination with the Admin-*
 4 *istrator of the Federal Emergency Management Agency,*
 5 *shall submit to the Committee on Environment and Public*
 6 *Works of the Senate and the Committee on Transportation*
 7 *and Infrastructure of the House of Representatives a report*
 8 *on—*

9 *(1) the differences between the levee standards of*
 10 *the Corps of Engineers and levee standards of the*
 11 *Federal Emergency Management Agency; and*

12 *(2) whether those differences create uncertainty*
 13 *for levee management purposes.*

14 **SEC. 1072. SOUTH ATLANTIC COASTAL STUDY.**

15 *Section 1204 of the Water Infrastructure Improve-*
 16 *ments for the Nation Act (130 Stat. 1685) is amended—*

17 *(1) by redesignating subsection (c) as subsection*
 18 *(e);*

19 *(2) by inserting after subsection (b) the fol-*
 20 *lowing:*

21 *“(c) ANNUAL BRIEFINGS.—The Secretary shall provide*
 22 *to the Committee on Environment and Public Works of the*
 23 *Senate and the Committee on Transportation and Infra-*
 24 *structure of the House of Representatives an annual*
 25 *progress briefing on the status of the study under subsection*
 26 *(a), on a State-by-State basis, including information on the*

1 *engagement of the Corps of Engineers with non-Federal in-*
 2 *terests, including detailed lists of all meetings and decision*
 3 *outcomes associated with those engagements.*

4 “(d) *ANNUAL REPORTS.*—Not less frequently than an-
 5 *nually and not later than 180 days after the annual brief-*
 6 *ing under subsection (c), the Secretary shall submit to the*
 7 *Committee on Environment and Public Works of the Senate*
 8 *and the Committee on Transportation and Infrastructure*
 9 *of the House of Representatives a report on the status of*
 10 *the study under subsection (a), on a State-by-State basis,*
 11 *including information on the engagement of the Corps of*
 12 *Engineers with non-Federal interests, including detailed*
 13 *lists of all meetings and decision outcomes associated with*
 14 *those engagements.”; and*

15 (3) *in subsection (e) (as so redesignated), in the*
 16 *heading, by inserting “FINAL” before “REPORT”.*

17 **SEC. 1073. COMPLETION OF REPORTS.**

18 (a) *IN GENERAL.*—There is authorized to be appro-
 19 *priated to the Secretary \$50,000,000, to remain available*
 20 *until expended, for the completion of any report—*

21 (1) *required under a provision described in sub-*
 22 *section (b); and*

23 (2) *for which appropriations were not or are not*
 24 *otherwise provided.*

1 (b) *PROVISIONS DESCRIBED.*—A provision referred to
2 in subsection (a)(1) is any of the following:

3 (1) *The Water Resources Reform and Develop-*
4 *ment Act of 2014 (Public Law 113–121; 128 Stat.*
5 *1193).*

6 (2) *The Water Infrastructure Improvements for*
7 *the Nation Act (Public Law 114–322; 130 Stat.*
8 *1628).*

9 (3) *The America’s Water Infrastructure Act of*
10 *2018 (Public Law 115–270; 132 Stat. 3765).*

11 (4) *This Act.*

12 (5) *Any amendments made by an Act described*
13 *in paragraphs (1) through (4).*

14 **SEC. 1074. DELEGATION OF WORK FOR COMPREHENSIVE**
15 **EVERGLADES RESTORATION PLAN PROJECTS.**

16 Section 601(e) of the *Water Resources Development Act*
17 of 2000 (114 Stat. 2684) is amended by adding at the end
18 the following:

19 “(6) *DELEGATION OF WORK; TRANSFER OF*
20 *FUNDS.*—

21 “(A) *IN GENERAL.*—On a determination by
22 the Secretary that the non-Federal sponsor for a
23 project authorized by subsection (b), (c), or (d) is
24 capable of and willing to carry out the project,
25 or a separable element of the project, the Sec-

1 *retary is authorized to enter into a project part-*
2 *nership agreement, or amendment to an agree-*
3 *ment, with the non-Federal sponsor that provides*
4 *for—*

5 *“(i) the non-Federal sponsor to con-*
6 *struct, or design and construct, the project*
7 *or separable element in accordance with the*
8 *construction plans and specifications ap-*
9 *proved by the Division Commander; and*

10 *“(ii) the Secretary to transfer to the*
11 *non-Federal sponsor funds up to an amount*
12 *equal to the Federal share under paragraph*
13 *(1) of the cost of carrying out the project or*
14 *separable element.*

15 *“(B) TECHNICAL ASSISTANCE.—The Sec-*
16 *retary is authorized—*

17 *“(i) to provide to the non-Federal*
18 *sponsor technical assistance, including any*
19 *technical assistance necessary for the project*
20 *to achieve compliance with statutory, regu-*
21 *latory, and program requirements; and*

22 *“(ii) to fund the costs of providing the*
23 *technical assistance described in clause (i)*
24 *using amounts made available for the*
25 *project or separable element, subject to the*

1 *condition that the total amount authorized*
 2 *for transfer to the non-Federal sponsor*
 3 *under subparagraph (A)(ii) is reduced by*
 4 *such amount.*

5 “(C) *REQUIREMENT.*—*A non-Federal spon-*
 6 *sor carrying out work under a partnership*
 7 *agreement described in subparagraph (A) shall*
 8 *comply with—*

9 “(i) *all Federal environmental laws*
 10 *and regulations that would be applicable to*
 11 *the project or separable element if carried*
 12 *out by the Secretary;*

13 “(ii) *subchapter IV of chapter 31 of*
 14 *title 40, United States Code;*

15 “(iii) *chapter 37 of title 40, United*
 16 *States Code; and*

17 “(iv) *any other terms and conditions*
 18 *that the Division Commander determines to*
 19 *be advisable, as determined in consultation*
 20 *with the non-Federal sponsor and in ac-*
 21 *cordance with existing Federal regula-*
 22 *tions.”.*

23 **SEC. 1075. MATERIAL BREACHES OF CONTRACT.**

24 *In a case in which the Armed Services Board of Con-*
 25 *tract Appeals or other court of competent jurisdiction has*

1 rendered a decision during the period beginning on Decem-
 2 ber 1, 2017, and ending on December 31, 2022, awarding
 3 damages to a contractor relating to the adjudication of
 4 claims arising from the construction of general navigation
 5 features of an authorized project, notwithstanding the terms
 6 of the Project Partnership Agreement, the Secretary shall
 7 waive payment of the share of the non-Federal interest of
 8 those damages, including attorney's fees, if—

9 (1) the contracting officer was instructed by the
 10 Corps of Engineers to modify the terms of the contract
 11 or terminate the contract; and

12 (2) the Armed Services Board of Contract Ap-
 13 peals or a court of competent jurisdiction determined
 14 that the failure of the contracting officer to timely
 15 take the action described in paragraph (1) was a ma-
 16 terial breach of the contract that resulted in damages
 17 to the contractor awarded by the Armed Services
 18 Board of Contract Appeals or the court, as applicable.

19 **SEC. 1076. REPAIR AND RESTORATION OF EMBANKMENTS.**

20 The Secretary is authorized to repair and restore any
 21 portion of an embankment that is adjacent to the shoreline
 22 of a reservoir project operated by the Secretary for which
 23 damage to, or the failure of, the embankment has adversely
 24 affected a roadway that the Secretary has relocated for con-
 25 struction of the reservoir, notwithstanding—

1 (1) *the cause of the damage to, or the failure of,*
 2 *the embankment;*

3 (2) *ownership of the embankment; or*

4 (3) *any obligation of a non-Federal interest to*
 5 *operate and maintain the roadway under a relocation*
 6 *agreement with the Secretary.*

7 **SEC. 1077. NON-FEDERAL INTEREST REPAYMENT OBLIGA-**
 8 **TIONS.**

9 *Section 103 of the Water Resources Development Act*
 10 *of 1986 (33 U.S.C. 2213) is amended by adding at the end*
 11 *the following:*

12 “(o) *NON-FEDERAL INTEREST REPAYMENT OBLIGA-*
 13 *TIONS.—*

14 “(1) *DEFINITION OF COVERED PROJECT.—In*
 15 *this subsection, the term ‘covered project’ means any*
 16 *project of the Corps of Engineers—*

17 “(A) *initiated on or after September 8,*
 18 *2005; and*

19 “(B) *for which there is a delay of 5 or more*
 20 *years beyond the completion date established in*
 21 *the project partnership agreement for the project.*

22 “(2) *INTEREST DURING CONSTRUCTION*
 23 *DELAYS.—*

24 “(A) *IN GENERAL.—Notwithstanding the*
 25 *second sentence of subsection (k), on request of*

1 *the non-Federal interest for a covered project, the*
 2 *Secretary and the non-Federal interest may re-*
 3 *negotiate the repayment terms and conditions,*
 4 *including—*

5 *“(i) recalculation of the interest rate;*

6 *“(ii) forgiveness of construction inter-*
 7 *est accrued during a project delay; and*

8 *“(iii) a credit against construction in-*
 9 *terest for a non-Federal investment that*
 10 *benefits the covered project.*

11 *“(B) TEMPORARY FREEZE.—In the case of*
 12 *a non-Federal interest that makes a request*
 13 *under subparagraph (A) for a covered project,*
 14 *the Secretary shall not impose any payment for*
 15 *the covered project during the period—*

16 *“(i) beginning on the date on which*
 17 *the non-Federal interest makes the request;*
 18 *and*

19 *“(ii) ending on the date on which the*
 20 *terms and conditions for the repayment of*
 21 *construction interest are finalized.*

22 *“(3) CREDIT FOR NON-FEDERAL CONTRIBU-*
 23 *TION.—The Secretary is authorized to credit any costs*
 24 *incurred by the non-Federal interest (including in-*
 25 *kind contributions) to remedy a design or construc-*

1 *tion deficiency of a covered project toward the non-*
 2 *Federal share of the cost of the covered project, if the*
 3 *Secretary determines the remedy to be integral to the*
 4 *completion of the covered project.”.*

5 **SEC. 1078. GREAT LAKES CONFINED DISPOSAL FACILITIES.**

6 (a) *MITIGATION.*—*The Secretary shall, to the max-*
 7 *imum extent practicable, relocate access to a confined dis-*
 8 *posal facility owned or operated by a non-Federal interest*
 9 *in the Great Lakes region in which material dredged by*
 10 *the Corps of Engineers is placed, if the Administrator of*
 11 *the Federal Aviation Administration regulates access to the*
 12 *confined disposal facility under title 14, Code of Federal*
 13 *Regulations.*

14 (b) *COST-SHARE.*—*The cost to relocate access to a con-*
 15 *finied disposal facility under subsection (a) shall be shared*
 16 *in accordance with the cost-share applicable to operation*
 17 *and maintenance of the Federal navigation project from*
 18 *which material placed in the confined disposal facility is*
 19 *dredged.*

20 (c) *TERMINATION.*—*The authority provided under this*
 21 *section shall terminate on December 31, 2024.*

22 **SEC. 1079. COASTAL MAPPING.**

23 *Section 516 of the Water Resources Development Act*
 24 *of 1996 (33 U.S.C. 2326b) is amended—*

1 (1) by redesignating subsection (g) as subsection
2 (h);

3 (2) by inserting after subsection (f) the following:

4 “(g) COASTAL MAPPING.—The Secretary shall develop
5 and carry out a plan for the recurring mapping of coast-
6 lines that are experiencing rapid change, including, at a
7 minimum, such coastlines in—

8 “(1) Alaska;

9 “(2) Hawaii; and

10 “(3) any territory or possession of the United
11 States.”; and

12 (3) in subsection (h) (as so redesignated), by
13 adding at the end the following:

14 “(3) COASTAL MAPPING.—In addition to
15 amounts made available under paragraph (1), there
16 is authorized to be appropriated to carry out sub-
17 section (g) with respect to Alaska, Hawaii, and the
18 territories and possessions of the United States,
19 \$10,000,000, to remain available until expended.”.

20 **SEC. 1080. DISPOSAL OF DREDGED MATERIALS.**

21 (a) IN GENERAL.—Not later than 180 days after the
22 date of enactment of this Act, the Secretary shall ensure
23 that, when evaluating the placement of dredged material,
24 the Corps of Engineers shall consider—

1 (1) *the suitability of the material to be dredged*
 2 *for a full range of beneficial uses; and*

3 (2) *the economic and environmental benefits and*
 4 *impacts, and feasibility, of using the material for*
 5 *those beneficial uses.*

6 (b) *SAVINGS PROVISION.—Nothing in this section af-*
 7 *fects, preempts, or interferes with any obligation to comply*
 8 *with the provisions of any Federal environmental law, in-*
 9 *cluding—*

10 (1) *the National Environmental Policy Act of*
 11 *1969 (42 U.S.C. 4321 et seq.);*

12 (2) *the Federal Water Pollution Control Act (33*
 13 *U.S.C. 1251 et seq.); and*

14 (3) *the Endangered Species Act of 1973 (16*
 15 *U.S.C. 1531 et seq.).*

16 **SEC. 1081. UPPER MISSOURI RIVER BASIN MAINSTEM DAM**
 17 **FISH LOSS RESEARCH.**

18 (a) *IN GENERAL.—As part of the program under sec-*
 19 *tion 22 of the Water Resources Development Act of 1974*
 20 *(42 U.S.C. 1962d–16), the Secretary shall conduct research*
 21 *on the management of fish losses through the mainstem*
 22 *dams of the Missouri River Basin during periods of high*
 23 *flow.*

24 (b) *CONTENTS.—The research under subsection (a)*
 25 *shall include an examination of—*

(3) the feasibility of implementing fish loss mitigation options in the Upper Missouri River Basin mainstem dams based on similar ongoing studies.

16 SEC. 1082. BRIEFINGS ON DISSEMINATION OF INFORMA-
17 TION.

(1) by redesignating paragraphs (1) through (4) as subparagraphs (A) through (D), respectively, and indenting appropriately;

1 (2) *in the matter preceding subparagraph (A)*
 2 *(as so redesignated), by striking “The Secretary” and*
 3 *inserting the following:*

4 “(1) *IN GENERAL.—The Secretary*”; and
 5 (3) *by adding at the end the following:*

6 “(2) *BRIEFINGS.—Not less frequently than annu-*
 7 *ally, the Secretary shall provide to the Committee on*
 8 *Environment and Public Works of the Senate and the*
 9 *Committee on Transportation and Infrastructure of*
 10 *the House of Representatives a briefing on the*
 11 *progress of the implementation of paragraph (1), in-*
 12 *cluding a description of each action the Secretary is*
 13 *taking to implement that paragraph.*

14 “(3) *GUIDANCE; COMPLIANCE.—The Secretary*
 15 *shall—*

16 “(A) *issue guidance on the uniform imple-*
 17 *mentation of the process under section 7001 of*
 18 *the Water Resources Reform and Development*
 19 *Act of 2014 (33 U.S.C. 2282d) by each district*
 20 *of the Corps of Engineers; and*

21 “(B) *each year, ensure compliance with the*
 22 *guidance under subparagraph (A).”.*

1 **SEC. 1083. CORPS OF ENGINEERS PROJECTS IN UNDER-**
 2 **SERVED COMMUNITIES, ECONOMICALLY DIS-**
 3 **TRESSED AREAS, OR RURAL AREAS.**

4 (a) *DEFINITIONS.—In this section:*

5 (1) *ECONOMICALLY DISTRESSED AREA.—The*
 6 *term “economically distressed area” means an area*
 7 *that has—*

8 (A) *a per capita income of 80 percent or*
 9 *less of the national per capita income; or*

10 (B) *an unemployment rate that is, for the*
 11 *most recent 24-month period for which data is*
 12 *available, at least 1 percent greater than the na-*
 13 *tional average unemployment rate.*

14 (2) *RURAL AREA.—The term “rural area” means*
 15 *an area not included in an urbanized area or urban*
 16 *cluster, as determined by the Director of the Census*
 17 *Bureau.*

18 (3) *UNDERSERVED COMMUNITY.—The term “un-*
 19 *derserved community” means a city, town, or other*
 20 *incorporated or unincorporated political subdivision*
 21 *of a State that provides general local government for*
 22 *a population of less than 100,000.*

23 (b) *RECOMMENDATION OF PROJECTS.—The Secretary*
 24 *may recommend a project without the need to demonstrate*
 25 *that the project is justified by national economic develop-*
 26 *ment benefits if the Secretary determines that—*

1 (1) *the community to be served by the project is*
 2 *an underserved community, is in an economically*
 3 *distressed area, or is in a rural area;*

4 (2) *the long-term life safety, economic viability,*
 5 *and environmental sustainability of the community*
 6 *would be threatened without the project; and*

7 (3) *in the case of a project in an underserved*
 8 *community, the benefits of the project are typically*
 9 *more local or regional in nature.*

10 (c) *ECONOMIC CONSIDERATION.—The economic eval-*
 11 *uation of a project under subsection (b) shall include—*

12 (1) *monetary benefits; and*

13 (2) *nonmonetary benefits.*

14 (d) *PRIORITIZATION.—A project recommended by the*
 15 *Secretary under subsection (b) shall be given equivalent*
 16 *budget consideration and priority as projects recommended*
 17 *by national economic development benefits.*

18 (e) *LIMITATIONS.—Nothing in this section affects, pre-*
 19 *empts, or interferes with any obligation to comply with the*
 20 *provisions of any Federal environmental law, including—*

21 (1) *the National Environmental Policy Act of*
 22 *1969 (42 U.S.C. 4321 et seq.);*

23 (2) *the Federal Water Pollution Control Act (33*
 24 *U.S.C. 1251 et seq.); and*

1 (3) *the Endangered Species Act of 1973* (16
2 *U.S.C. 1531 et seq.*).

3 **SEC. 1084. INTERIM RISK REDUCTION MEASURES.**

4 (a) *IN GENERAL.*—*In the case of any interim risk re-*
5 *duction measure for dam safety purposes that was evaluated*
6 *in a final environmental assessment completed during the*
7 *period beginning on March 18, 2019, and ending on the*
8 *date of enactment of this Act, the Secretary shall carry out*
9 *a reevaluation of the measure in a timely manner if the*
10 *final environmental assessment did not consider in detail*
11 *at least—*

12 (1) *1 operational water control plan change al-*
13 *ternative;*

14 (2) *1 action alternative other than an oper-*
15 *ational water control plan change; and*

16 (3) *the no action alternative.*

17 (b) *COORDINATION.*—*The alternatives described in*
18 *subsection (a) shall be developed in coordination with Fed-*
19 *eral agencies, States, Indian tribes, units of local govern-*
20 *ment, and other non-Federal interests that have existing*
21 *water obligations that would be directly affected by imple-*
22 *mentation of an interim risk reduction measure referred to*
23 *in that subsection.*

24 (c) *IMPLEMENTATION PRIOR TO REEVALUATION.*—
25 *Nothing in this section prohibits the Secretary from imple-*

1 *menting an interim risk reduction measure evaluated in*
 2 *a final environmental assessment during the period begin-*
 3 *ning on March 18, 2019, and ending on the date of enact-*
 4 *ment of this Act prior to the completion of the reevaluation*
 5 *under subsection (a).*

6 **SEC. 1085. MAINTENANCE DREDGING PERMITS.**

7 *(a) IN GENERAL.—The Secretary shall prioritize the*
 8 *reissuance of any regional general permit for maintenance*
 9 *dredging that expires prior to May 1, 2021, and shall use*
 10 *best efforts to ensure the reissuance prior to expiration of*
 11 *such a regional general permit for maintenance dredging.*

12 *(b) SAVINGS PROVISION.—Nothing in this section af-*
 13 *fects, preempts, or interferes with any obligation to comply*
 14 *with the provisions of any Federal or State environmental*
 15 *law, including—*

16 *(1) the National Environmental Policy Act of*
 17 *1969 (42 U.S.C. 4321 et seq.);*

18 *(2) the Federal Water Pollution Control Act (33*
 19 *U.S.C. 1251 et seq.); and*

20 *(3) the Endangered Species Act of 1973 (16*
 21 *U.S.C. 1531 et seq.).*

22 **SEC. 1086. TECHNICAL CORRECTION.**

23 *The project for navigation, Theodore Ship Channel,*
 24 *Mobile Harbor, Alabama, authorized by section 112 of the*
 25 *Water Resources Development Act of 1976 (90 Stat. 2923)*

1 *is revised to correct a technical error and to designate the*
 2 *40 foot deep, 300 foot wide, and 1,200 foot long anchorage*
 3 *basin located adjacent to the main ship channel near the*
 4 *bay shoreline as a 40 foot deep, 1,320 foot wide, and ap-*
 5 *proximately 1,468.5 foot long access channel extending*
 6 *north from stations 257+25 and 273+25 from the Theodore*
 7 *Channel to serve the public terminal as obligated under that*
 8 *Act.*

9 **SEC. 1087. ANNUAL DEBRIS REMOVAL.**

10 (a) *IN GENERAL.*—Not later than December 31 of each
 11 year, the Secretary shall submit to the Committee on Envi-
 12 ronment and Public Works of the Senate and the Committee
 13 on Transportation and Infrastructure of the House of Rep-
 14 resentatives a report that identifies the activities the Sec-
 15 retary plans to start, continue, or complete during the up-
 16 coming year pursuant to authority provided to the Sec-
 17 retary under section 3 of the Act of March 2, 1945 (59 Stat.
 18 23, chapter 19; 33 U.S.C. 603a), or another debris removal
 19 authority of the Secretary.

20 (b) *INCLUSIONS.*—The report under subsection (a)
 21 shall include—

22 (1) *a list of debris removal activities to be start-*
 23 *ed, continued, or completed during the upcoming fis-*
 24 *cal year within the boundaries of the North Atlantic*
 25 *Division of the Corps of Engineers;*

1 (2) *the authority under which the debris removal*
 2 *activity is to be carried out;*

3 (3) *estimated total costs and completion dates for*
 4 *each activity; and*

5 (4) *the non-Federal partner for each activity.*

6 **SEC. 1088. ENHANCED DEVELOPMENT DEMONSTRATION**
 7 **PROGRAM.**

8 (a) *IN GENERAL.*—*The Secretary is directed to review*
 9 *the master plan and shoreline management plan for any*
 10 *lake described in section 3134 of the Water Resources Devel-*
 11 *opment Act of 2007 (121 Stat. 1142; 130 Stat. 1671) for*
 12 *the purpose of identifying areas suitable for enhanced devel-*
 13 *opment if—*

14 (1) *the master plan and shoreline management*
 15 *plan of the lake have been updated since January 1,*
 16 *2013; and*

17 (2) *the district office of the Corps of Engineers*
 18 *has received a written request for such a review.*

19 (b) *DEFINITION OF ENHANCED DEVELOPMENT.*—*In*
 20 *this section, the term “enhanced development” means struc-*
 21 *tures or other improvements used for non-water-dependent*
 22 *commercial or hospitality industry purposes or for residen-*
 23 *tial or recreational purposes.*

24 (c) *LEASE AUTHORITY.*—*The Secretary is authorized*
 25 *to lease Federal land under the jurisdiction of the Secretary*

1 *pursuant to this section for such terms as the Secretary de-*
 2 *termines to be advisable to permit enhanced development*
 3 *in areas approved for such uses under subsection (a).*

4 (d) *USE OF COMPETITIVE PROCEDURES.—The Sec-*
 5 *retary shall require use of competitive procedures for leases*
 6 *authorized under subsection (c).*

7 (e) *CONSIDERATIONS.—For leases authorized under*
 8 *subsection (c), the Secretary shall—*

9 (1) *require payment of at least fair market*
 10 *value, up to 50 percent of which amount may be pro-*
 11 *vided in-kind at the discretion of the Secretary;*

12 (2) *enter into a partnership agreement with a*
 13 *private entity;*

14 (3) *consider lease durations of up to 100 years;*
 15 *and*

16 (4) *consider regional economic impacts.*

17 (f) *TYPES OF IN-KIND CONSIDERATION.—The Sec-*
 18 *retary is authorized to accept as in-kind consideration*
 19 *under subsection (e)(1)—*

20 (1) *the maintenance, protection, alteration, re-*
 21 *pair, improvement, or restoration of public recreation*
 22 *facilities under the control of the Secretary; and*

23 (2) *construction of new public recreation facili-*
 24 *ties.*

1 (g) *DISPOSITION OF PROCEEDS.*—Notwithstanding
 2 *section 7 of the Act of August 18, 1941 (55 Stat. 650, chap-*
 3 *ter 377; 33 U.S.C. 701c–3), all proceeds received from*
 4 *issuance of leases authorized under subsection (c) shall be*
 5 *deposited in a special account in the Treasury established*
 6 *for the Secretary and shall be available for the following*
 7 *activities at the lake specified in a lease entered into under*
 8 *this section:*

9 (1) *Natural resource and recreation manage-*
 10 *ment.*

11 (2) *The investigation, planning, construction,*
 12 *operation, and maintenance of public recreation fa-*
 13 *cilities.*

14 (h) *PAYMENT OF ADMINISTRATIVE EXPENSES.*—*The*
 15 *Secretary shall recover the administrative expenses associ-*
 16 *ated with leases authorized under subsection (c) in accord-*
 17 *ance with section 2695 of title 10, United States Code.*

18 **SEC. 1089. REPORT ON BENEFITS CALCULATION FOR**
 19 **FLOOD CONTROL STRUCTURES.**

20 *Not later than 180 days after the date of enactment*
 21 *of this Act, the Secretary shall submit to the Committee on*
 22 *Environment and Public Works of the Senate and the Com-*
 23 *mittee on Transportation and Infrastructure of the House*
 24 *of Representatives a report on the extent to which flood in-*
 25 *surance premium reductions that result from implementa-*

1 *tion of a structural flood risk management project are in-*
 2 *cluded in the calculation of the benefits of the project by*
 3 *the Corps of Engineers.*

4 **SEC. 1090. HIGH WATER-LOW WATER PREPAREDNESS.**

5 *(a) DEFINITION OF BYPASS.—In this section, the term*
 6 *“bypass” means an alternate water route adjacent to a lock*
 7 *and dam that can be used for commercial navigation dur-*
 8 *ing high water conditions.*

9 *(b) EMERGENCY DETERMINATION.—*

10 *(1) IN GENERAL.—The Secretary, in consultation*
 11 *with the District Commanders responsible for main-*
 12 *taining any affected waterway, the Inland Waterway*
 13 *Users Board, and the Coast Guard, may make a de-*
 14 *termination that an emergency condition described in*
 15 *paragraph (2) exists, or is anticipated to exist, on an*
 16 *inland navigable waterway or a bypass.*

17 *(2) EMERGENCY CONDITIONS.—An emergency*
 18 *condition includes not less than 1 of the following:*

19 *(A) Unsafe conditions on an inland navi-*
 20 *gable waterway or a bypass that prevents the op-*
 21 *eration of commercial vessels as a result of a*
 22 *major change in water level or flows.*

23 *(B) An obstruction in an inland navigable*
 24 *waterway or a bypass, including silt, sediment,*
 25 *rock formation, or a shallow channel.*

1 (C) *An impaired or inoperable Federal lock*
2 *and dam.*

3 (c) *EMERGENCY MITIGATION PROJECT.*—

4 (1) *IN GENERAL.*—*Subject to paragraph (2) and*
5 *the availability of appropriations and in accordance*
6 *with all applicable Federal requirements, the Sec-*
7 *retary may carry out an emergency mitigation*
8 *project on an inland navigable waterway or a bypass*
9 *for which the Secretary has determined that an emer-*
10 *gency condition exists, or is anticipated to exist,*
11 *under subsection (b)(1) to remedy or prevent that*
12 *emergency condition.*

13 (2) *DEADLINE.*—*An emergency mitigation*
14 *project under paragraph (1) shall—*

15 (A) *be initiated by not later than 60 days*
16 *after the date on which the Secretary makes a*
17 *determination under subsection (b)(1) with re-*
18 *spect to the inland navigable waterway or by-*
19 *pass on which the project will be carried out;*
20 *and*

21 (B) *be completed by not later than 1 year*
22 *after the date on which the Secretary makes a*
23 *determination under subsection (b)(1) with re-*
24 *spect to the inland navigable waterway or by-*
25 *pass on which the project will be carried out.*

1 (d) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*
 2 *authorized to be appropriated to the Secretary to carry out*
 3 *this section \$25,000,000 for each of fiscal years 2022*
 4 *through 2024, to remain available until expended.*

5 **SEC. 1091. EAST ROCKAWAY INLET TO ROCKAWAY INLET**
 6 **AND JAMAICA BAY REFORMULATION, NEW**
 7 **YORK.**

8 (a) *IN GENERAL.*—*The Secretary is authorized to*
 9 *carry out the project for hurricane and storm damage re-*
 10 *duction, East Rockaway Inlet to Rockaway Inlet and Ja-*
 11 *maica Bay Reformulation, Atlantic Coast of New York, sub-*
 12 *stantially in accordance with terms and conditions de-*
 13 *scribed in the report of the Chief of Engineers, dated August*
 14 *22, 2019, and subsection (b).*

15 (b) *TREATMENT AND COST-SHARE.*—*For the project*
 16 *described in subsection (a)—*

17 (1) *the project shall be considered to be a con-*
 18 *tinuation of the interim response to the authorization*
 19 *under House Report 105–90 of the 105th Congress,*
 20 *and under the heading “CONSTRUCTION” under the*
 21 *heading “CORPS OF ENGINEERS–CIVIL” under chap-*
 22 *ter 4 of title X of the Disaster Relief Appropriations*
 23 *Act, 2013 (127 Stat. 24); and*

24 (2) *for renourishment and adaptive management*
 25 *activities for the project, the total estimated periodic*

1 *renourishment cost shall be \$379,526,000, to be shared*
 2 *50 percent Federal and 50 percent non-Federal.*

3 **SEC. 1092. REPORT ON ANTECEDENT HYDROLOGIC CONDI-**
 4 **TIONS.**

5 *(a) REPORT.—*

6 *(1) IN GENERAL.—Not later than 1 year after*
 7 *the date of enactment of this Act, the Secretary shall*
 8 *submit to the Committee on Environment and Public*
 9 *Works of the Senate and the Committee on Transpor-*
 10 *tation and Infrastructure of the House of Representa-*
 11 *tives a report on the use by the Corps of Engineers*
 12 *since 2010 of data relating to antecedent hydrologic*
 13 *conditions in the Missouri River Basin (including*
 14 *soil moisture conditions, frost depths, snowpack, and*
 15 *streamflow conditions) in—*

16 *(A) conducting Missouri River mainstem*
 17 *reservoir operations under the Missouri River*
 18 *Master Manual;*

19 *(B) developing related annual operating*
 20 *plans; and*

21 *(C) performing seasonal, monthly, and*
 22 *daily operations.*

23 *(2) INCLUSIONS.—The report under paragraph*
 24 *(1) shall include—*

25 *(A) a review of—*

1 (i) the approach of the Corps of Engi-
2 neers to forecasting basin runoff in devel-
3 oping annual operating plans of the Corps
4 of Engineers;

5 (ii) the assessment of existing and al-
6 ternative algorithms that could improve
7 forecasting;

8 (iii) the approach of the Corps of En-
9 gineers for reservoir releases in the winter,
10 spring, summer, and fall, based on runoff
11 forecasts;

12 (iv) the February 2017 technical report
13 of the Corps of Engineers on long-range
14 forecasting;

15 (v) the use by the Corps of Engineers
16 of data from Federal and State entities in
17 runoff forecasts; and

18 (vi) the use by the Corps of Engineers
19 of advanced data collection, including
20 through the use of unmanned aerial sys-
21 tems, forecasting, and modeling; and

22 (B) findings and recommendations on how
23 to best incorporate antecedent basin conditions
24 in annual operating plans and Missouri River
25 mainstem reservoir operations.

1 (b) *PEER REVIEW*.—

2 (1) *IN GENERAL*.—*The Secretary shall seek to*
 3 *enter into an agreement with the National Academy*
 4 *of Sciences or a similar independent scientific and*
 5 *technical advisory organization to establish a panel of*
 6 *experts to conduct a peer review of the report under*
 7 *subsection (a).*

8 (2) *REPORT*.—*Not later than 180 days after the*
 9 *date on which the Secretary receives the results of the*
 10 *peer review under paragraph (1), the Secretary shall*
 11 *submit to the Committee on Environment and Public*
 12 *Works of the Senate and the Committee on Transpor-*
 13 *tation and Infrastructure of the House of Representa-*
 14 *tives the results of the peer review under paragraph*
 15 *(1).*

16 (c) *AUTHORIZATION OF APPROPRIATIONS*.—*There are*
 17 *authorized to be appropriated to the Secretary—*

18 (1) *\$5,000,000 for the report under subsection*
 19 *(a); and*

20 (2) *\$5,000,000 for the peer review under sub-*
 21 *section (b).*

22 **SEC. 1093. HARMFUL ALGAL BLOOMS DEMONSTRATION**
 23 **PROGRAM.**

24 (a) *IN GENERAL*.—*The Secretary is authorized to*
 25 *carry out a demonstration program to determine the causes*

1 *of, and how to effectively treat and eliminate, harmful algal*
 2 *blooms within the Great Lakes and Lake Okeechobee, Flor-*
 3 *ida, and applicable tributaries.*

4 *(b) CONSULTATION; USE OF EXISTING DATA.—*

5 *(1) CONSULTATION.—In carrying out the dem-*
 6 *onstration program under subsection (a), the Sec-*
 7 *retary shall consult with appropriate Federal and*
 8 *State agencies.*

9 *(2) USE OF DATA.—In carrying out the dem-*
 10 *onstration program under subsection (a), the Sec-*
 11 *retary shall make maximum use of data in existence*
 12 *on the date of enactment of this Act and ongoing pro-*
 13 *grams and efforts of Federal agencies and States.*

14 *(c) COST SHARING.—An activity carried out under the*
 15 *demonstration program under subsection (a) shall be at full*
 16 *Federal expense.*

17 *(d) AUTHORIZATION OF APPROPRIATIONS.—There is*
 18 *authorized to be appropriated to carry out this section*
 19 *\$25,000,000, to remain available until expended.*

20 **SEC. 1094. SENSE OF CONGRESS RELATING TO ANNUAL**
 21 **MAINTENANCE DREDGING.**

22 *It is the sense of Congress that the Corps of Engineers*
 23 *should maintain the annual maintenance dredging for Wil-*
 24 *mington Harbor, Delaware.*

1 **SEC. 1095. SELECTION OF DREDGED MATERIAL DISPOSAL**
 2 **METHOD FOR CERTAIN PURPOSES.**

3 *Section 204 of the Water Resources Development Act*
 4 *of 1992 (33 U.S.C. 2326) is amended—*

5 *(1) in subsection (d)(1) —*

6 *(A) in the matter preceding subparagraph*
 7 *(A), by striking “In developing” and all that fol-*
 8 *lows through “the non-Federal interest,” and in-*
 9 *serting “At the request of the non-Federal inter-*
 10 *est for a project involving the disposal of dredged*
 11 *material, the Secretary, using funds appro-*
 12 *priated for construction or operation and main-*
 13 *tenance of the project, may select”; and*

14 *(B) in subparagraph (B), by striking “flood*
 15 *and storm damage and flood reduction benefits”*
 16 *and inserting “hurricane and storm or flood risk*
 17 *reduction benefits”; and*

18 *(2) in subsection (g) (as amended by section*
 19 *1017(b)(5)(B))—*

20 *(A) in paragraph (1), in the matter pre-*
 21 *ceding subparagraph (A), by striking “There*
 22 *are” and inserting “Except as provided in para-*
 23 *graph (3), there are”;*

24 *(B) by redesignating paragraph (3) as*
 25 *paragraph (4); and*

1 (C) by inserting after paragraph (2) the fol-
 2 lowing:

3 “(3) *SELECTION OF DREDGED MATERIAL DIS-*
 4 *POSAL METHOD FOR CERTAIN PURPOSES.*—Activities
 5 carried out under subsection (d)—

6 “(A) shall be carried out using amounts ap-
 7 propriated for construction or operation and
 8 maintenance of the project involving the disposal
 9 of the dredged material; and

10 “(B) shall not carried out using amounts
 11 made available under paragraph (1).”.

12 **SEC. 1096. INCREASING ACCESS FOR RECREATION AT**
 13 **CORPS OF ENGINEERS PROJECTS.**

14 (a) *IN GENERAL.*—The Secretary, in coordination
 15 with relevant non-Federal sponsors and State, Tribal, and
 16 local recreation organizations, shall develop recommenda-
 17 tions to maximize public access and public use of projects
 18 owned or operated by the Corps of Engineers.

19 (b) *INVENTORY AND PLAN.*—Not later than 180 days
 20 after the date of enactment of this Act, the Secretary shall
 21 submit to the Committee on Environment and Public Works
 22 of the Senate and the Committee on Transportation and
 23 Infrastructure of the House of Representatives and make
 24 publicly available a report that includes—

1 (1) *an inventory of projects owned or operated*
 2 *by the Corps of Engineers that are publicly accessible;*
 3 *and*

4 (2) *recommendations to increase access for recre-*
 5 *ation as described in subsection (a).*

6 **SEC. 1097. EXTINGUISHMENT OF FLOWAGE EASEMENTS,**
 7 **ROUGH RIVER LAKE, KENTUCKY.**

8 (a) *IN GENERAL.*—*Subject to the availability of appro-*
 9 *priations and on request of the landowner, the Secretary*
 10 *shall extinguish any flowage easement or portion of a flow-*
 11 *age easement held by the United States on developed land*
 12 *of the landowner at Rough River Lake, Kentucky—*

13 (1) *that is above 534 feet mean sea level; and*

14 (2) *for which the Secretary determines the flow-*
 15 *age easement or portion of the flowage easement is not*
 16 *required to address backwater effects.*

17 (b) *NO LIABILITY.*—*The United States shall not be lia-*
 18 *ble for any damages to property or injuries to persons from*
 19 *flooding that may be attributable to the operation and*
 20 *maintenance of Rough River Dam, Kentucky, on land that*
 21 *was encumbered by a flowage easement extinguished under*
 22 *subsection (a).*

23 (c) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*
 24 *authorized to be appropriated to carry out this section*
 25 *\$10,000,000, to remain available until expended.*

1 **SEC. 1098. SMALL FLOOD CONTROL PROJECTS.**

2 Subsection (a)(1) of section 205 of the Flood Control
3 Act of 1948 (33 U.S.C. 701s) (as amended by section
4 1017(b)(6)) is amended by inserting “and projects that use
5 natural features or nature-based features (as those terms are
6 defined in section 1184(a) of the Water Infrastructure Im-
7 provements for the Nation Act (33 U.S.C. 2289a(a))” after
8 “nonstructural projects”.

9 **SEC. 1099. COMPREHENSIVE STUDY OF MISSISSIPPI RIVER**
10 **SYSTEM FROM OLD RIVER CONTROL STRUC-**
11 **TURE TO GULF OF MEXICO.**

12 (a) *DEVELOPMENT.*—The Secretary, in collaboration
13 with the heads of other relevant Federal agencies, shall con-
14 duct, and submit to Congress a comprehensive study of the
15 lower Mississippi River, and the tributaries and
16 distributaries of the Mississippi River, from the Old River
17 Control Structure near Point Breeze, Louisiana, to the Gulf
18 of Mexico, including an examination of—

19 (1) hurricane and storm damage reduction, flood
20 risk management, structural and nonstructural flood
21 control, and floodplain management strategies, in-
22 cluding the consideration of natural features or na-
23 ture-based features (as those terms are defined in sec-
24 tion 1184(a) of the Water Infrastructure Improve-
25 ments for the Nation Act (33 U.S.C. 2289a(a)));

1 (2) *structural and operational modifications to*
2 *completed water resources development projects within*
3 *the study area;*

4 (3) *fish and wildlife habitat resources, including*
5 *in the Mississippi Sound Estuary, the Lake Pont-*
6 *chartrain Basin, the Breton Sound, the Barataria*
7 *Basin, the Terrebonne Basin, the Atchafalaya Basin,*
8 *the Vermilion–Teche Basin, and other outlets of the*
9 *Mississippi River and Tributaries Project;*

10 (4) *mitigation of adverse impacts from oper-*
11 *ations of flood control structures to the Mississippi*
12 *Sound Estuary, the Lake Pontchartrain Basin, the*
13 *Breton Sound, the Barataria Basin, the Atchafalaya*
14 *Basin, and other outlets of the Mississippi River and*
15 *Tributaries Project, including on water quality;*

16 (5) *recreation needs;*

17 (6) *navigation needs;*

18 (7) *ecosystem restoration needs;*

19 (8) *monitoring requirements, including as near-*
20 *real time monitoring as practicable, and adaptive*
21 *management measures to respond to changing condi-*
22 *tions over time;*

23 (9) *the division of responsibilities of the Federal*
24 *Government and non-Federal interests with respect to*

1 *flood risk management and hurricane and storm*
2 *damage reduction; and*

3 *(10) the roles and responsibilities of Federal*
4 *agencies with respect to flood risk management.*

5 *(b) CONTENTS.—The study under subsection (a)*
6 *shall—*

7 *(1) include recommendations on management*
8 *plans and actions to be carried out by responsible*
9 *Federal agencies;*

10 *(2) address whether changes are necessary to the*
11 *Mississippi River and Tributaries Project authorized*
12 *by the first section of the Act of May 15, 1928 (com-*
13 *monly known as the “Flood Control Act of 1928”) (45*
14 *Stat. 534, chapter 569; 33 U.S.C. 702a) within the*
15 *study area;*

16 *(3) recognize the interest and rights of States in*
17 *maximum effective river resource use and control; and*

18 *(4) include recommendations for—*

19 *(A) Federal and non-Federal action, where*
20 *appropriate;*

21 *(B) construction of new water resource*
22 *projects to improve the maximum effective river*
23 *resource use and control within the study area;*
24 *and*

1 (C) *follow-up studies and data collection*
2 *and monitoring to be carried out by the relevant*
3 *Federal or State agency.*

4 (c) *FURTHER ANALYSIS.—*

5 (1) *IN GENERAL.—As part of the study under*
6 *subsection (a), the Secretary shall carry out activities*
7 *that warrant additional analysis by the Corps of En-*
8 *gineers, including feasibility studies.*

9 (2) *TREATMENT.—A feasibility study carried out*
10 *under paragraph (1) shall be considered to be a con-*
11 *tinuation of the study under subsection (a).*

12 (d) *CONSULTATION; USE OF EXISTING DATA.—*

13 (1) *CONSULTATION.—In conducting the study*
14 *under subsection (a), the Secretary shall consult with*
15 *appropriate Federal and State agencies.*

16 (2) *USE OF DATA.—In conducting the study*
17 *under subsection (a), the Secretary shall make max-*
18 *imum use of data in existence on the date of enact-*
19 *ment of this Act and ongoing programs and efforts of*
20 *Federal agencies, States, universities, and nonprofit*
21 *entities, including multi-State monitoring programs.*

22 (e) *COST SHARING.—The study conducted under sub-*
23 *section (a) shall be at full Federal expense.*

1 (f) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*
 2 *authorized to be appropriated to carry out this section*
 3 *\$25,000,000, to remain available until expended.*

4 **SEC. 1100. MISSOURI RIVER.**

5 (a) *REPORT.*—*Not later than 1 year after the date of*
 6 *enactment of this Act and biannually thereafter for a period*
 7 *of 10 years, the Secretary shall submit to the Committee*
 8 *on Transportation and Infrastructure of the House of Rep-*
 9 *resentatives and the Committee on Environment and Public*
 10 *Works of the Senate a report on the changes to impacts of*
 11 *interception-rearing complex (referred to in this section as*
 12 *“IRC”) on—*

13 (1) *flood control, navigation, and other author-*
 14 *ized purposes set forth in the Missouri River Master*
 15 *Manual; and*

16 (2) *the population status of the pallid sturgeon,*
 17 *including population trends.*

18 (b) *FUTURE IRC CONSTRUCTION.*—

19 (1) *COMMENTS.*—*The Secretary shall solicit com-*
 20 *ments from the public, the Governor of each affected*
 21 *State, and each affected Indian tribe on proposals to*
 22 *construct additional IRCs.*

23 (2) *RESEARCH AND DEVELOPMENT.*—*The Sec-*
 24 *retary shall conduct further research on IRC design,*
 25 *including any impacts on existing flows and all au-*

1 *thorized purposes set forth in the Missouri River Mas-*
 2 *ter Manual, to ensure that any construction of IRCs*
 3 *incorporates the best available science.*

4 (3) *PERIOD.*—*The public comment period under*
 5 *paragraph (1) shall be not less than 90 days for each*
 6 *future IRC project.*

7 (4) *REPAIRS.*—*Subject to the availability of ap-*
 8 *propriations, the Secretary shall use all existing au-*
 9 *thorities—*

10 (A) *to repair dikes and revetments that are*
 11 *impacting flood risk and bank erosion; and*

12 (B) *to repair or improve water control*
 13 *structures at the headworks of constructed shal-*
 14 *low water habitat side channels.*

15 (c) *AUTHORIZED PURPOSES.*—

16 (1) *IN GENERAL.*—*If the Secretary determines*
 17 *that IRCs have an adverse impact on an authorized*
 18 *purpose set forth in the Missouri River Master Man-*
 19 *ual, the Secretary shall take corrective action to ad-*
 20 *dress any such adverse impacts.*

21 (2) *NO ADVERSE IMPACT ON TONNAGE.*—*To the*
 22 *maximum extent practicable, the Secretary shall en-*
 23 *sure that IRCs do not have an adverse impact on ton-*
 24 *nage of materials transported on the Missouri River.*

1 **SEC. 1101. FLEXIBILITY FOR PROJECTS.**

2 (a) *GOAL.*—For each feasibility study initiated by the
3 Secretary on or after the date of enactment of this Act under
4 section 905(a) of the Water Resources Development Act of
5 1986 (33 U.S.C. 2282(a)), the Secretary shall—

6 (1) *establish a goal of completing the feasibility*
7 *study by not later than 2 years after the date of initi-*
8 *ation; and*

9 (2) *to the maximum extent practicable, attempt*
10 *to comply with the goal under paragraph (1).*

11 (b) *AUTHORITY.*—In carrying out a feasibility study
12 described in subsection (a), the Secretary shall—

13 (1) *exercise all existing flexibilities under and*
14 *exceptions to any requirement administered by the*
15 *Secretary, in whole or in part; and*

16 (2) *otherwise provide additional flexibility or ex-*
17 *pedited processing with respect to the requirements*
18 *described in paragraph (1) to meet the goal described*
19 *in subsection (a)(1).*

20 (c) *MAINTAINING PROTECTIONS.*—Nothing in this sec-
21 tion—

22 (1) *supersedes, amends, or modifies—*

23 (A) *section 1001(a)(1) of the Water Re-*
24 *sources Reform and Development Act of 2014 (33*
25 *U.S.C. 2282c(a)(1)); or*

1 (B) the National Environmental Policy Act
 2 of 1969 (42 U.S.C. 4321 et seq.) or any other
 3 Federal environmental law; or

4 (2) affects the responsibility of any Federal offi-
 5 cer to comply with or enforce any law or requirement
 6 described in this subsection.

7 **SEC. 1102. DEVELOPMENT OF CATEGORICAL EXCLUSIONS.**

8 (a) *IN GENERAL.*—Not later than 60 days after the
 9 date of enactment of this Act, the Secretary shall—

10 (1) in consultation with the agencies described in
 11 subsection (b), identify the categorical exclusions de-
 12 scribed in section 230.9 of title 33, Code of Federal
 13 Regulations (or successor regulations), that would ac-
 14 celerate delivery of a project if those categorical exclu-
 15 sions were available to those agencies;

16 (2) collect existing documentation and substan-
 17 tiating information on the categorical exclusions
 18 identified under paragraph (1); and

19 (3) provide to each agency described in sub-
 20 section (b)—

21 (A) a list of the categorical exclusions iden-
 22 tified under paragraph (1); and

23 (B) the documentation and substantiating
 24 information collected under paragraph (2).

1 (b) *AGENCIES DESCRIBED.*—*The agencies referred to*
 2 *in subsection (a) are—*

3 (1) *the Department of the Interior;*

4 (2) *the Department of Transportation;*

5 (3) *the Department of Commerce;*

6 (4) *the Department of Agriculture;*

7 (5) *the Department of Energy;*

8 (6) *the Department of Defense; and*

9 (7) *any other Federal agency that has partici-*
 10 *ipated in an environmental review process for a*
 11 *project, as determined by the Secretary.*

12 (c) *ADOPTION OF CATEGORICAL EXCLUSIONS.*—

13 (1) *IN GENERAL.*—*Not later than 1 year after*
 14 *the date on which the Secretary provides the list re-*
 15 *quired under subsection (a)(3)(A), an agency de-*
 16 *scribed in subsection (b) shall publish a notice of pro-*
 17 *posed rulemaking to propose any categorical exclu-*
 18 *sions from the list applicable to the agency, subject to*
 19 *the condition that the categorical exclusion identified*
 20 *under subsection (a)(1) meets the criteria for a cat-*
 21 *egorical exclusion under section 1508.4 of title 40,*
 22 *Code of Federal Regulations (or successor regula-*
 23 *tions).*

24 (2) *PUBLIC COMMENT.*—*In a notice of proposed*
 25 *rulemaking under paragraph (1), the applicable agen-*

1 *cy may solicit comments on whether any of the pro-*
 2 *posed new categorical exclusions meet the criteria for*
 3 *a categorical exclusion under section 1508.4 of title*
 4 *40, Code of Federal Regulations (or successor regula-*
 5 *tions).*

6 **SEC. 1103. PUBLICATION OF FEE SCHEDULES.**

7 *The Secretary shall make available, at the request of*
 8 *any person and on each public-facing website of a district*
 9 *office of the Corps of Engineers, a schedule of administra-*
 10 *tive fees charged by the Secretary for covered transactions*
 11 *associated with water resources development project land.*

12 **SEC. 1104. FLOOD PROTECTION PROJECTS.**

13 *Section 73(a) of the Water Resources Development Act*
 14 *of 1974 (33 U.S.C. 701b–11(a)) is amended by striking “in-*
 15 *cluding” and all that follows through the period at the end*
 16 *and inserting the following: “, with a view toward formu-*
 17 *lating the most economically, socially, and environmentally*
 18 *acceptable means of reducing or preventing flood damage,*
 19 *including—*

20 *“(1) floodproofing of structures, including ele-*
 21 *vation;*

22 *“(2) floodplain regulation;*

23 *“(3) acquisition of floodplain land for rec-*
 24 *reational, fish and wildlife, and other public pur-*
 25 *poses;*

1 “(4) relocation; and

2 “(5) the use of a feature described in section
3 1184(a) of the Water Infrastructure Improvements for
4 the Nation Act (33 U.S.C. 2289a(a)).”.

5 **SEC. 1105. REHABILITATION OF HIGH HAZARD POTENTIAL**
6 **DAMS.**

7 (a) *DEFINITIONS.*—Section 2 of the National Dam
8 Safety Program Act (33 U.S.C. 467) is amended—

9 (1) by striking paragraph (10);

10 (2) by redesignating paragraphs (11) and (16)
11 as paragraphs (10) and (17), respectively;

12 (3) in paragraph (4)—

13 (A) in subparagraph (A)—

14 (i) in clause (iii)—

15 (I) by striking “and” at the end
16 and inserting “or”;

17 (II) by striking the clause des-
18 ignation and inserting “(iii)(I)”; and

19 (III) by adding at the end the fol-
20 lowing:

21 “(II) if the dam is in a State that by
22 law requires an emergency action plan to
23 comply with FEMA guidelines and to be
24 approved by an authorized State agency,
25 the dam—

1 “(aa) was identified as having an
2 emergency action plan in the inventory
3 of dams maintained under section 6
4 before the State required the emergency
5 action plan to comply with FEMA
6 guidelines and to be approved by an
7 authorized State agency; and

8 “(bb) as of the date on which, for
9 each fiscal year, funds for assistance
10 under section 8A are distributed under
11 subsection (g)(2) of that section, has an
12 updated emergency action plan that—

13 “(AA) is in conformance
14 with State law; and

15 “(BB) is pending approval
16 by the authorized State agency;
17 and”;

18 (ii) in clause (iv)(II), by inserting be-
19 fore the period at the end “, as determined
20 by the Administrator, in consultation with
21 the Board”; and

22 (B) in subparagraph (B)(i), by striking
23 “dam;” and inserting “dam under a hydropower
24 project with an authorized installed capacity of
25 greater than 1.5 megawatts;”;

(4) *by inserting after paragraph (10) (as so re-designated) the following:*

“(11) *RECIPIENT.*—*The term ‘recipient’ means the entity applying for, receiving, and distributing to subrecipients the assistance under section 8A.”; and*

(5) *by inserting after paragraph (15) the following:*

“(16) *SUBRECIPIENT.*—*The term ‘subrecipient’, with respect to a project at a dam for which the assistance under section 8A is sought, means an entity that—*

“(A) receives the assistance for the project from a recipient; and

“(B)(i) if the owner of the dam is a governmental organization or a nonprofit organization, is the owner; or

“(ii) if the owner of the dam is not a governmental organization or a nonprofit organization, is a governmental organization or nonprofit organization seeking the assistance on behalf of the owner.”.

(b) *REHABILITATION OF HIGH HAZARD POTENTIAL DAMS.*—*Section 8A of the National Dam Safety Program Act (33 U.S.C. 467f-2) is amended—*

1 (1) in subsection (a), by striking “non-Federal
2 sponsors” and inserting “recipients”;

3 (2) in subsection (c)—

4 (A) in paragraph (1)(A), by striking “non-
5 Federal sponsor” and inserting “recipient”; and

6 (B) in paragraph (2)—

7 (i) in subparagraph (A), by striking
8 “non-Federal sponsor” and inserting “re-
9 cipient”;

10 (ii) in subparagraph (B)—

11 (I) in the subparagraph heading,
12 by striking “PROJECT GRANT” and in-
13 serting “GRANT”;

14 (II) by striking “a project grant
15 agreement with the non-Federal spon-
16 sor” and inserting “a grant agreement
17 with the recipient”; and

18 (III) by inserting “for which the
19 grant is provided” after “the project”;

20 (iii) by striking subparagraph (C) and
21 inserting the following:

22 “(C) GRANT ASSURANCE.—As part of a
23 grant agreement under subparagraph (B), the
24 Administrator shall require that each sub-
25 recipient for the applicable project provides an

1 *assurance that the subrecipient will carry out a*
 2 *plan for maintenance of the dam to be rehabili-*
 3 *tated under the grant agreement during the ex-*
 4 *pected life of the dam.”; and*

5 *(iv) in subparagraph (D), in the mat-*
 6 *ter preceding clause (i), by striking “A*
 7 *grant provided under this section shall not*
 8 *exceed the lesser” and inserting “A sub-*
 9 *recipient that receives assistance from a*
 10 *grant provided under this section shall not*
 11 *receive, for any 1 dam, assistance that ex-*
 12 *ceeds the lesser”;*

13 *(3) in subsection (d)—*

14 *(A) in paragraph (2)—*

15 *(i) in the paragraph heading, by strik-*
 16 *ing “NON-FEDERAL SPONSOR” and insert-*
 17 *ing “SUBRECIPIENT”;*

18 *(ii) in the matter preceding subpara-*
 19 *graph (A), by striking “To receive” and all*
 20 *that follows through “shall” and inserting*
 21 *“To receive assistance, a subrecipient shall”;*

22 *(iii) in subparagraph (A), by striking*
 23 *“participate in, and comply with,” and in-*
 24 *serting “demonstrate that the community in*

1 *which the dam is located participates in,*
 2 *and complies with,”;*

3 *(iv) in subparagraph (B), in the mat-*
 4 *ter preceding clause (i), by striking “have”*
 5 *and inserting “not later than 2 years after*
 6 *the development of criteria for such a plan*
 7 *by the Administrator, in consultation with*
 8 *the Board, under paragraph (3), dem-*
 9 *onstrate that the applicable local or Tribal*
 10 *government has”;* and

11 *(v) in subparagraph (C), by striking*
 12 *“50-year period” and inserting “expected*
 13 *life of the dam”;* and

14 *(B) by adding at the end the following:*

15 “(3) *HAZARD MITIGATION PLAN CRITERIA.—The*
 16 *Administrator shall develop criteria for hazard miti-*
 17 *gation plans under paragraph (2)(B).*

18 “(4) *RECOVERY OF FUNDS.—In the event that a*
 19 *grant is awarded under this section for which re-*
 20 *quired activities may be completed after the date on*
 21 *which the grant is awarded, the Administrator may*
 22 *seek to recoup the amounts awarded under the grant*
 23 *if those activities are not completed within the appli-*
 24 *cable time period.”;*

25 *(4) in subsection (e)—*

1 (A) in paragraph (1)—

2 (i) in the matter preceding subpara-
3 graph (A), by striking “non-Federal spon-
4 sor” and inserting “subrecipient”; and

5 (ii) in subparagraph (B), by striking
6 “1 year” each place it appears and insert-
7 ing “2 years”; and

8 (B) in paragraph (3)—

9 (i) in the paragraph heading, by strik-
10 ing “TECHNICAL” and inserting “PLAN CRI-
11 TERIA AND TECHNICAL”; and

12 (ii) by striking “The Administrator
13 may provide” and inserting “The Adminis-
14 trator, in consultation with the Board, shall
15 provide criteria and may provide”; and

16 (5) in subsection (i)(1), in the matter preceding
17 subparagraph (A), by striking “non-Federal sponsor”
18 and inserting “subrecipient”.

19 **SEC. 1106. BACKLOG PREVENTION.**

20 (a) *PROJECT DEAUTHORIZATION.*—

21 (1) *IN GENERAL.*—A water resources develop-
22 ment project authorized for construction by this Act
23 shall not be authorized after the last day of the 10-
24 year period beginning on the date of enactment of this
25 Act unless—

1 (A) funds have been obligated for construc-
 2 tion of, or a post-authorization study for, the
 3 project or the separable element during that pe-
 4 riod; or

5 (B) a subsequent Act of Congress modifies
 6 the authorization contained in this Act.

7 (2) *IDENTIFICATION OF PROJECTS.*—Not later
 8 than 60 days after the expiration of the 10-year pe-
 9 riod described in paragraph (1), the Secretary shall
 10 submit to the Committee on Environment and Public
 11 Works of the Senate and the Committee on Transpor-
 12 tation and Infrastructure of the House of Representa-
 13 tives a report that identifies the projects deauthorized
 14 under paragraph (1).

15 (b) *REPORT TO CONGRESS.*—Not later than 60 days
 16 after the expiration of the 12-year period beginning on the
 17 date of enactment of this Act, the Secretary shall submit
 18 to the Committee on Environment and Public Works of the
 19 Senate and the Committee on Transportation and Infra-
 20 structure of the House of Representatives, and make avail-
 21 able to the public, a report that contains—

22 (1) a list of any water resources development
 23 projects authorized by this Act for which construction
 24 has not been completed;

1 (2) a description of the reasons each project was
2 not completed;

3 (3) a schedule for the completion of the projects
4 based on expected levels of appropriations;

5 (4) a 5-year and 10-year projection of construc-
6 tion backlog; and

7 (5) any recommendations to Congress regarding
8 how to mitigate the backlog.

9 **SEC. 1107. LEASE TERMS FOR COMMERCIAL CONCESSION**

10 **LEASES.**

11 Section 4 of the Act of December 22, 1944 (commonly
12 known as the “Flood Control Act of 1944”) (58 Stat. 889,
13 chapter 665; 16 U.S.C. 460d), is amended in the second
14 sentence by striking “Provided,” and inserting the fol-
15 lowing: “Provided, That a lease for commercial concession
16 purposes, under which the lessee has agreed to build struc-
17 tures or facilities on, or to otherwise improve, the land that
18 is subject to the lease, shall be for a period of not more than
19 50 years and, unless the Secretary of the Army and the
20 lessee agree otherwise, not less than 25 years: Provided fur-
21 ther,”.

1 ***Subtitle B—Studies and Reports***

2 ***SEC. 1201. AUTHORIZATION OF PROPOSED FEASIBILITY***
 3 ***STUDIES AND MODIFICATIONS.***

4 *The Secretary is authorized to conduct a feasibility*
 5 *study or initiate project modifications for the following*
 6 *projects for water resources development and conservation*
 7 *and other purposes, as identified in the report entitled “Re-*
 8 *port to Congress on Future Water Resources Development”*
 9 *submitted to Congress on or after June 3, 2019, pursuant*
 10 *to section 7001 of the Water Resources Reform and Develop-*
 11 *ment Act of 2014 (33 U.S.C. 2282d) or otherwise reviewed*
 12 *by Congress:*

13 (1) *The project for coastal storm risk manage-*
 14 *ment, Newbury and Newburyport, Massachusetts.*

15 (2) *The project for flood protection, Jones Coun-*
 16 *ty, Mississippi.*

17 (3) *The project for ecosystem restoration, Lower*
 18 *Osage River Basin, Missouri.*

19 (4) *The project modification for Clarence Can-*
 20 *non Dam and Mark Twain Lake Project Salt River,*
 21 *Missouri.*

22 (5) *The project modification for Smithville Lake,*
 23 *Plattsburg, Missouri.*

24 (6) *The project modification for Smithville Lake,*
 25 *Smithville, Missouri.*

1 (7) *The project for navigation, Lower Missouri*
 2 *River, Missouri.*

3 (8) *The project for flood risk management, Port*
 4 *Arthur, Texas.*

5 (9) *The project for flood risk management, Choc-*
 6 *olate Bayou, Texas.*

7 (10) *The project for navigation, Houston-Gal-*
 8 *veston, Texas.*

9 (11) *Reauthorization of the project for naviga-*
 10 *tion, Christiansted Harbor, St. Croix, United States*
 11 *Virgin Islands.*

12 (12) *Modification of the project for water supply*
 13 *desalination, South Perris, California.*

14 (13) *Reauthorization of the project for naviga-*
 15 *tion, Charlotte Amalie Harbor, St. Thomas, United*
 16 *States Virgin Islands.*

17 (14) *The project for flood protection, levee reha-*
 18 *bilitation, Greater Williamsport, Pennsylvania.*

19 **SEC. 1202. EXPEDITED COMPLETION.**

20 *The Secretary shall expedite the completion, review, or*
 21 *validation of the applicable decision document for the fol-*
 22 *lowing projects and studies:*

23 (1) *Modification of the Tennessee-Tombigbee Wa-*
 24 *terway for improved access and navigation.*

1 (2) *The project for ecosystem restoration, Hud-*
2 *son-Raritan Estuary, New York and New Jersey.*

3 (3) *The project for navigation, St. George Har-*
4 *bor, Alaska.*

5 (4) *The project for navigation, Kentucky Lock*
6 *and Dam, Tennessee River, Kentucky.*

7 (5) *The project for navigation, New Haven Har-*
8 *bor, Connecticut.*

9 (6) *The project for flood risk management, Fair-*
10 *field and New Haven Counties, Connecticut.*

11 (7) *The project for navigation, Wilmington Har-*
12 *bor, North Carolina.*

13 (8) *The project for hurricane and storm damage*
14 *risk reduction, Carolina Beach, North Carolina.*

15 (9) *The project for hurricane and storm damage*
16 *risk reduction, Wrightsville Beach, North Carolina.*

17 (10) *The project for flood risk management,*
18 *Raymondville Drain Project, Lower Rio Grande*
19 *Basin, Texas.*

20 (11) *The project for flood risk management,*
21 *Westminster and East Garden Grove, California.*

22 (12) *The project for flood risk management,*
23 *Prado Basin, California.*

24 (13) *The project for ecosystem restoration,*
25 *Malibu Creek watershed, California.*

1 (14) *The project for flood risk management, San*
 2 *Francisquito Creek, California.*

3 (15) *The project for navigation, Georgetown*
 4 *Harbor, South Carolina.*

5 (16) *The project for coastal storm risk manage-*
 6 *ment, Myrtle Beach, South Carolina.*

7 (17) *The project for flood risk management, Dor-*
 8 *chester County, South Carolina.*

9 (18) *The project for navigation, Florence, Ala-*
 10 *bama.*

11 (19) *The project for navigation, North Landing*
 12 *Bridge, Atlantic Intracoastal Waterway, Virginia.*

13 (20) *The project for flood risk management,*
 14 *Upper Barataria, Louisiana.*

15 (21) *The project for navigation, Port Fourchon,*
 16 *Belle Pass, Louisiana.*

17 (22) *The project for ecosystem restoration, Lake*
 18 *Okeechobee, Florida.*

19 (23) *The project for ecosystem restoration, West-*
 20 *ern Everglades, Florida.*

21 (24) *The project for ecosystem restoration, Canal*
 22 *111, South Dade, Florida.*

23 (25) *The project for ecosystem restoration,*
 24 *Caloosahatchee River C-43, West Basin Storage Res-*
 25 *ervoir, Florida.*

1 (26) *The project for flood risk management,*
 2 *Hanapepe River, Kaua'i, Hawaii.*

3 (27) *The project for flood risk management,*
 4 *Wailupe Stream, Oahu, Hawaii.*

5 (28) *The project for flood risk management,*
 6 *Lower Santa Cruz watershed, Arizona.*

7 (29) *The project for navigation, Upper St. An-*
 8 *thony Falls Lock and Dam, Minnesota.*

9 (30) *The project for flood risk management,*
 10 *Westchester County streams, New York.*

11 (31) *The project for hurricane and storm damage*
 12 *risk reduction, Fire Island to Montauk Point Refor-*
 13 *mulation, New York.*

14 (32) *The project for flood risk management,*
 15 *Savan Gut Phase II, St. Thomas, United States Vir-*
 16 *gin Islands.*

17 (33) *The project for flood risk management, Rio*
 18 *Culebrinas, Puerto Rico.*

19 (34) *The project for flood risk management, Tur-*
 20 *pentine Run, St. Thomas, United States Virgin Is-*
 21 *lands.*

22 (35) *The project for flood risk management, Rio*
 23 *Guayanilla, Puerto Rico.*

24 (36) *The project for hurricane and storm damage*
 25 *risk reduction, Highlands, New Jersey.*

1 (37) *The project for navigation, Seattle Harbor,*
2 *Washington.*

3 (38) *The project for flood risk management, met-*
4 *ropolitan Louisville, Kentucky.*

5 (39) *The feasibility study for the project for re-*
6 *habilitation of Lock E -32, Erie Canal, Pittsford,*
7 *New York.*

8 (40) *The project for ecosystem restoration, Hud-*
9 *son River Habitat Restoration, New York.*

10 (41) *The project for navigation, Lake Montauk*
11 *Harbor, New York.*

12 (42) *Modifications to the project for navigation,*
13 *Milwaukee Harbor, Wisconsin, pursuant to section 14*
14 *of the Act of March 3, 1899 (commonly known as the*
15 *“Rivers and Harbors Act of 1899”) (30 Stat. 1152,*
16 *chapter 425; 33 U.S.C. 408).*

17 (43) *An economic reevaluation report for the*
18 *navigation and sustainability program under title*
19 *VIII of the Water Resources Development Act of 2007*
20 *(33 U.S.C. 652 note; Public Law 110–114).*

21 (44) *The project for water supply, Willamette*
22 *River Basin Review Reallocation, Oregon.*

23 (45) *The project for ecosystem restoration, South*
24 *Fork of the South Branch of the Chicago River (Bub-*
25 *bly Creek), Illinois.*

1 (46) *The study for the restoration of the Chicago*
 2 *River, Illinois, pursuant to the resolution of the Com-*
 3 *mittee on Environment and Public Works of the Sen-*
 4 *ate (108th Congress, 2d Session) relating to the Chi-*
 5 *cago River System Restoration Management Plan, Il-*
 6 *linois, and dated June 23, 2004.*

7 **SEC. 1203. INCLUSION OF CERTAIN PROJECTS IN ANNUAL**
 8 **REPORT TO CONGRESS.**

9 *The Secretary shall complete the review of each of the*
 10 *following submissions for consideration for inclusion in the*
 11 *report submitted under section 7001 of the Water Resources*
 12 *Reform and Development Act of 2014 (33 U.S.C. 2282d):*

13 (1) *Modification of the authorization for the en-*
 14 *vironmental infrastructure project, DeSoto County,*
 15 *Mississippi, under section 219(f)(30) of the Water Re-*
 16 *sources Development Act of 1992 (106 Stat. 4835; 113*
 17 *Stat. 335; 122 Stat. 1623).*

18 (2) *Modification of the types of activities author-*
 19 *ized under the environmental infrastructure project,*
 20 *Jackson County, Mississippi, under section 331 of the*
 21 *Water Resources Development Act of 1999 (113 Stat.*
 22 *305; 121 Stat. 1134).*

23 (3) *Modification of the environmental restoration*
 24 *infrastructure and resource protection development*
 25 *program, southern West Virginia, under section 340*

1 *of the Water Resources Development Act of 1992 (106*
2 *Stat. 4856; 113 Stat. 320; 114 Stat. 2678; 121 Stat.*
3 *1257).*

4 *(4) Modification of the environmental assistance*
5 *program, central West Virginia, under section 571 of*
6 *the Water Resources Development Act of 1999 (113*
7 *Stat. 371; 121 Stat. 1257).*

8 *(5) Modification of the authorized funding level*
9 *for the project for water and wastewater assistance,*
10 *Madison and St. Claire Counties, Illinois, authorized*
11 *by section 219(f)(55) of the Water Resources Develop-*
12 *ment Act of 1992 (106 Stat. 4835; 113 Stat. 335; 114*
13 *Stat. 2763A–221).*

14 *(6) A study on the reallocation of water storage*
15 *at Lake Whitney, Texas, in accordance with section*
16 *301 of the Water Supply Act of 1958 (43 U.S.C.*
17 *390b).*

18 *(7) Reallocation of water storage at Aquilla*
19 *Lake, Texas, in accordance with the Aquilla Lake Re-*
20 *allocation Study of the Corps of Engineers, dated*
21 *February 2018, and section 301 of the Water Supply*
22 *Act of 1958 (43 U.S.C. 390b).*

23 *(8) Expansion of the Abiquiu Reservoir, New*
24 *Mexico, to allow more flexibility for concurrent stor-*
25 *age of San Juan-Chama and Rio Grande system*

1 *water, while changing the authorized water supply*
 2 *storage limit within the flood control space from a*
 3 *volume of 200,000 acre-feet to an elevation of 6,230*
 4 *feet National Geodetic Vertical Datum, in order to in-*
 5 *crease the currently available space by approximately*
 6 *30,000 acre-feet until the space diminishes over time*
 7 *due to sediment inflow.*

8 *(9) A watershed assessment to determine prob-*
 9 *lems, needs, and opportunities within the Lower Rio*
 10 *Grande Valley watershed, Texas.*

11 **SEC. 1204. ASSISTANCE TO NON-FEDERAL SPONSORS.**

12 *(a) IN GENERAL.—The Corps of Engineers shall pro-*
 13 *vide assistance to the non-Federal interest of a project pro-*
 14 *posal described in subsection (b) during the Corps of Engi-*
 15 *neers outreach required under section 7001(b) of the Water*
 16 *Resources Reform and Development Act of 2014 (33 U.S.C.*
 17 *2282d(b)).*

18 *(b) PROJECT PROPOSALS DESCRIBED.—A project pro-*
 19 *posal referred to in subsection (a) is any of the following:*

20 *(1) Development of a management plan for res-*
 21 *toration of the Chicago River, Illinois, pursuant to*
 22 *the resolution of the Committee on Environment and*
 23 *Public Works of the Senate (108th Congress, 2d Ses-*
 24 *sion) relating to the Chicago River System Restora-*

1 *tion Management Plan, Illinois, and dated June 23,*
2 *2004.*

3 (2) *Modification of the authorized funding level*
4 *for the project for flood damage reduction, Des Moines*
5 *and Raccoon Rivers, Des Moines, Iowa, authorized by*
6 *section 1001(21) of the Water Resources Development*
7 *Act of 2007 (121 Stat. 1053).*

8 (3) *Modification of the project for navigation,*
9 *Ouachita-Black Rivers, Arkansas and Louisiana, au-*
10 *thorized by section 101 of the River and Harbor Act*
11 *of 1960 (74 Stat. 481) to include water supply as an*
12 *authorized purpose.*

13 (4) *Modification of the project for navigation,*
14 *McClellan-Kerr Arkansas River, to deepen the naviga-*
15 *tion channel to a minimum depth of 12 feet, as au-*
16 *thorized under section 136 of the Energy and Water*
17 *Development Appropriations Act, 2004 (117 Stat.*
18 *1842).*

19 (5) *Modification of the project for flood risk*
20 *management and water supply, Tenkiller Ferry Lake,*
21 *Arkansas River Basin, Oklahoma, authorized by sec-*
22 *tion 4 of the Act of June 28, 1938 (52 Stat 1218,*
23 *chapter 795) to modify water storage and provide for*
24 *a sufficient quantity of water supply storage space in*

1 *the inactive pool storage to support the fishery down-*
2 *stream from Tenkiller Reservoir.*

3 (6) *Reauthorization of the project for environ-*
4 *mental restoration, Muddy River, Brookline and Bos-*
5 *ton, Massachusetts, authorized by section 522 of the*
6 *Water Resources Development Act of 2000 (114 Stat.*
7 *2656), and deauthorized pursuant to section 6001 of*
8 *the Water Resources Reform and Development Act of*
9 *2014 (33 U.S.C. 579b) (as in effect on the day before*
10 *the date of enactment of the Water Infrastructure Im-*
11 *provements for the Nation Act (130 Stat. 1690)).*

12 (7) *Modification of the project for flood damage*
13 *reduction, Muddy River, Brookline and Boston, Mas-*
14 *sachusetts, authorized by section 522 of the Water Re-*
15 *sources Development Act of 2000 (114 Stat. 2656), to*
16 *provide that in the case of phase II of the project, the*
17 *non-Federal interest is not required to pay any cost*
18 *of the project above the initial estimate.*

19 (8) *A feasibility study for a project for flood risk*
20 *management, Hoosic River, Massachusetts.*

21 (9) *A feasibility study for a project for aquatic*
22 *ecosystem restoration at the mouth of the Hood River,*
23 *Oregon, at the confluence of that river with the Co-*
24 *lumbia River, Oregon.*

1 (10) *A feasibility study on resolving increased*
2 *silting and shoaling adjacent to, but outside of, the*
3 *Federal channel, experienced at the Port of Bandon,*
4 *Coquille River, Oregon.*

5 (11) *A feasibility study on increasing the fre-*
6 *quency and depth of dredging assistance from the*
7 *Corps of Engineers at the Port of Astoria, located at*
8 *the mouth of the Columbia River, Oregon.*

9 (12) *A feasibility study on modifying the project*
10 *for navigation, Port of Gulfport, Mississippi, author-*
11 *ized by section 202(a) of the Water Resources Devel-*
12 *opment Act of 1986 (100 Stat. 4094), to deepen the*
13 *navigation channel to 46 feet.*

14 (13) *A feasibility study to identify and evaluate*
15 *opportunities to reduce the risk of flooding and restore*
16 *lost habitat within the Escatawpa River Basin, Mis-*
17 *issippi and Alabama.*

18 (14) *The project described in section 219(f)(231)*
19 *of the Water Resources Development Act of 1992 (106*
20 *Stat. 4835; 113 Stat. 335; 121 Stat. 1266).*

21 (15) *A feasibility study for a project to design*
22 *and construct the Naugatuck River Greenway Trail,*
23 *a multiuse trail on Federal land between Torrington*
24 *and Derby, Connecticut.*

1 (16) *A feasibility study for a project for coastal*
2 *and flood risk management, Stratford, Connecticut.*

3 (17) *A feasibility study for projects for flood risk*
4 *management, Woodbridge, Connecticut.*

5 (18) *Modification of the authorized funding level*
6 *for the project to eliminate or control combined sewer*
7 *overflows, St. Louis, Missouri, authorized by section*
8 *219(f)(32) of the Water Resources Development Act of*
9 *1992 (106 Stat. 4835; 113 Stat. 337; 121 Stat. 1233).*

10 (19) *A feasibility study for projects for ecosystem*
11 *restoration, Bangert Island, St. Charles, Missouri, re-*
12 *lated to channels and aquatic habitats.*

13 (20) *Modification of the authorized funding level*
14 *for the project to carry out water related infrastruc-*
15 *ture, El Paso, Texas, authorized by section*
16 *219(f)(269) of the Water Resources Development Act*
17 *of 1992 (106 Stat. 4835; 113 Stat. 335; 121 Stat.*
18 *1268).*

19 (21) *Modification of the authorized funding level*
20 *for the South Central Pennsylvania environmental*
21 *restoration infrastructure and resource protection de-*
22 *velopment pilot program under section 313 of the*
23 *Water Resources Development Act of 1992 (106 Stat.*
24 *4845; 121 Stat. 1146).*

1 (22) *A feasibility study for dam safety improve-*
2 *ments, Oroville Dam, California.*

3 (23) *Modification of the authorized funding level*
4 *for the project for water supply, Lakes Marion and*
5 *Moultrie, South Carolina.*

6 (24) *An environmental infrastructure project to*
7 *increase hydrologic variability, Sacramento Regional*
8 *Water Bank, California.*

9 (25) *A study for a project for aquatic ecosystem*
10 *restoration and allied purposes, Blue River Water-*
11 *shed, Missouri and Kansas.*

12 (26) *A project for aquatic and riparian restora-*
13 *tion, Line Creek, Riverside, Kansas.*

14 (27) *Modification of the authorized funding level*
15 *for the environmental infrastructure program, Central*
16 *New Mexico, under section 593 of the Water Resources*
17 *Development Act of 1999 (113 Stat. 381; 119 Stat.*
18 *2255).*

19 (28) *Modification of the authorized funding level*
20 *for the environmental assistance program, Ohio and*
21 *North Dakota, under section 594 of the Water Re-*
22 *sources Development Act of 1999 (113 Stat. 383; 121*
23 *Stat. 1140; 121 Stat. 1944).*

24 (29) *A study for a fish passage for ecological res-*
25 *toration, Lower Alabama River, Alabama.*

1 (30) *Modification of the project for Atlantic In-*
2 *tracoastal Waterway Deep Creek bridge replacement,*
3 *Virginia.*

4 (31) *Modification of projects for water supply,*
5 *wastewater infrastructure, and environmental restora-*
6 *tion, Virginia, authorized by section 219(f)(10) of the*
7 *Water Resources Development Act of 1992 (106 Stat.*
8 *4835; 113 Stat. 335; 121 Stat. 1255).*

9 (32) *Modification of the project for flood risk*
10 *management, Red River below Denison Dam, Arkan-*
11 *sas, Louisiana, and Texas, for Caddo Levee District,*
12 *Louisiana, to incorporate the Cherokee Park Levee*
13 *into the project.*

14 (33) *Modification of the Mississippi River and*
15 *Tributaries Project authorized by the first section of*
16 *the Act of May 15, 1928 (45 Stat. 534, chapter 569)*
17 *to include the portion of the Ouachita River Levee*
18 *System at and below Monroe, Louisiana, to Caldwell*
19 *Parish, Louisiana.*

20 (34) *Modification of the project for navigation,*
21 *Port of Iberia, Louisiana.*

22 (35) *A feasibility study for flood risk manage-*
23 *ment and storm damage reduction in the Hoey's*
24 *Basin area of the eastbank of Jefferson Parish, in-*
25 *cluding a study of the "pump to the river" concept.*

1 (36) *A feasibility study for a project for flood*
2 *risk management, Cataouatche Subbasin, which en-*
3 *compasses part of the westbank of Jefferson Parish,*
4 *Louisiana.*

5 (37) *Modification of the project for beach erosion*
6 *and hurricane protection, Grand Isle, Louisiana, to*
7 *include periodic beach nourishment.*

8 (38) *A feasibility study, Arkansas River Basin,*
9 *Oklahoma, to determine whether the purchase of addi-*
10 *tional flood easements, changes in lake level manage-*
11 *ment, additional levee infrastructure, or implementa-*
12 *tion of other flood risk management or containment*
13 *mechanisms along the Arkansas River Basin would*
14 *benefit local communities by reducing flood risks*
15 *around projects of the Secretary in a range of dif-*
16 *ferent flood scenarios.*

17 (39) *Modification of the authorized funding level*
18 *for critical restoration projects, Lake Champlain wa-*
19 *tershed, Vermont and New York, authorized by section*
20 *542 of the Water Resources Development Act of 2000*
21 *(114 Stat. 2671; 121 Stat. 1150).*

22 (40) *Modification of the authorized funding level*
23 *for wastewater infrastructure, Charlotte County, Flor-*
24 *ida, authorized by section 219(f)(121) of the Water*

1 *Resources Development Act of 1992 (106 Stat. 4835;*
2 *113 Stat. 334; 121 Stat. 1261).*

3 (41) *A project to extend dredging of the South*
4 *Haven Harbor, Michigan, to include the former Turn-*
5 *ing Basin.*

6 (42) *Modification of the project for flood risk*
7 *management, Upper Rouge River, Wayne County,*
8 *Michigan.*

9 (43) *A feasibility study for the project for flood*
10 *risk management, Tonto Creek, Arizona.*

11 (44) *A feasibility study for the project for flood*
12 *risk management, Sikorsky Airport, Bridgeport, Con-*
13 *necticut.*

14 (45) *Modification of the authorized funding level*
15 *for the environmental infrastructure project,*
16 *Calaveras County, California, under section*
17 *219(f)(86) of the Water Resources Development Act of*
18 *1992 (106 Stat. 4835; 113 Stat. 335; 121 Stat. 1259).*

19 (46) *Modification of the project for navigation,*
20 *River Rouge, Michigan.*

21 (47) *A feasibility study for dredge disposal man-*
22 *agement activities, Port of Florence, Alabama.*

23 (48) *A feasibility study for the project for navi-*
24 *gation, Port of Oswego, New York.*

1 (49) *A project for repairs to the West Pier and*
 2 *West Barrier Bar, Little Sodus Bay Harbor, Cayuga*
 3 *County, New York.*

4 (50) *A project for repair of sheet pile wall and*
 5 *east breakwater, Great Sodus Bay, New York.*

6 (51) *A study of the resiliency of the Allegheny*
 7 *Reservoir, in consultation with the Seneca Nation.*

8 (52) *A feasibility study for potential projects for*
 9 *the rehabilitation of the Glens Falls Feeder Canal,*
 10 *which begins at the Feeder Dam intersection with the*
 11 *Hudson River in Queensbury, New York, and runs to*
 12 *the confluence of the Old Champlain Canal in*
 13 *Kingsbury, New York.*

14 (53) *A feasibility study for the rehabilitation of*
 15 *the tainter gates and guard gate, Caughdenoy Dam,*
 16 *New York, including an evaluation of the rehabilita-*
 17 *tion work necessary to extend the service life of those*
 18 *structures, such as—*

19 (A) *improvements to the hydraulic effi-*
 20 *ciency of the gate systems;*

21 (B) *improvements to the concrete founda-*
 22 *tion and gate support structures; and*

23 (C) *any other improvements the Secretary*
 24 *determines to be necessary.*

1 (54) *Modification of the Upper Mississippi River*
2 *Restoration program authorized by section 1103 of*
3 *the Water Resources Development Act of 1986 (33*
4 *U.S.C. 652).*

5 (55) *The project for flood protection, Bloom-*
6 *ington, Indiana.*

7 (56) *The project for flood protection, Gary, Indi-*
8 *ana.*

9 (57) *Modification of the environmental infra-*
10 *structure project, Athens, Tennessee, authorized by*
11 *section 219(f)(254) of the Water Resources Develop-*
12 *ment Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121*
13 *Stat. 1267).*

14 (58) *Modification of the environmental infra-*
15 *structure project, Blaine, Tennessee, authorized by*
16 *section 219(f)(255) of the Water Resources Develop-*
17 *ment Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121*
18 *Stat. 1267).*

19 (59) *Modification of the environmental infra-*
20 *structure project, Claiborne County, Tennessee, au-*
21 *thorized by section 219(f)(256) of the Water Resources*
22 *Development Act of 1992 (106 Stat. 4835; 113 Stat.*
23 *335; 121 Stat. 1267).*

24 (60) *Modification of the environmental infra-*
25 *structure project, Giles County, Tennessee, authorized*

1 *by section 219(f)(257) of the Water Resources Devel-*
2 *opment Act of 1992 (106 Stat. 4835; 113 Stat. 335;*
3 *121 Stat. 1267).*

4 (61) *Modification of the environmental infra-*
5 *structure project, Grainger County, Tennessee, author-*
6 *ized by section 219(f)(258) of the Water Resources De-*
7 *velopment Act of 1992 (106 Stat. 4835; 113 Stat. 335;*
8 *121 Stat. 1267).*

9 (62) *Modification of the environmental infra-*
10 *structure project, Hamilton County, Tennessee, au-*
11 *thorized by section 219(f)(259) of the Water Resources*
12 *Development Act of 1992 (106 Stat. 4835; 113 Stat.*
13 *335; 121 Stat. 1267).*

14 (63) *Modification of the environmental infra-*
15 *structure project, Harrogate, Tennessee, authorized by*
16 *section 219(f)(260) of the Water Resources Develop-*
17 *ment Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121*
18 *Stat. 1267).*

19 (64) *Modification of the environmental infra-*
20 *structure project, Johnson County, Tennessee, author-*
21 *ized by section 219(f)(261) of the Water Resources De-*
22 *velopment Act of 1992 (106 Stat. 4835; 113 Stat. 335;*
23 *121 Stat. 1267).*

24 (65) *Modification of the environmental infra-*
25 *structure project, Knoxville, Tennessee, authorized by*

1 *section 219(f)(262) of the Water Resources Develop-*
2 *ment Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121*
3 *Stat. 1267).*

4 *(66) Modification of the environmental infra-*
5 *structure project, Nashville, Tennessee, authorized by*
6 *section 219(f)(263) of the Water Resources Develop-*
7 *ment Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121*
8 *Stat. 1267).*

9 *(67) Modification of the environmental infra-*
10 *structure project, Lewis, Lawrence, and Wayne Coun-*
11 *ties, Tennessee, authorized by section 219(f)(264) of*
12 *the Water Resources Development Act of 1992 (106*
13 *Stat. 4835; 113 Stat. 335; 121 Stat. 1268).*

14 *(68) Modification of the environmental infra-*
15 *structure project, Oak Ridge, Tennessee, authorized by*
16 *section 219(f)(265) of the Water Resources Develop-*
17 *ment Act of 1992 (106 Stat. 4835; 113 Stat. 335; 121*
18 *Stat. 1268).*

19 *(69) Modification of the environmental infra-*
20 *structure project, Plateau Utility District, Morgan*
21 *County, Tennessee, authorized by section 219(f)(266)*
22 *of the Water Resources Development Act of 1992 (106*
23 *Stat. 4835; 113 Stat. 335; 121 Stat. 1268).*

24 *(70) Extension of existing authority to the City*
25 *of Sheffield, Alabama, for the Nashville District of the*

1 *Corps of Engineers to replace a sewer pipe that floods*
 2 *when the Corps of Engineers mitigates flooding up-*
 3 *stream as authorized by section 219(f)(263) of the*
 4 *Water Resources Development Act of 1992 (106 Stat.*
 5 *4835; 113 Stat. 335; 121 Stat. 1267).*

6 (71) *A research study to examine the causes of*
 7 *harmful algal blooms, such as agricultural runoff,*
 8 *sewer discharge, and commercial or industrial flows,*
 9 *and possible mitigation strategies for algal blooms in*
 10 *the Allegheny Reservoir Watershed, New York.*

11 (72) *Modification of the environmental assist-*
 12 *ance project authorized by section 542 of the Water*
 13 *Resources Development Act of 2000 (114 Stat. 2671;*
 14 *121 Stat. 1150), for sanitary sewer system upgrades*
 15 *in the Village of Whitehall, New York.*

16 **SEC. 1205. RAHWAY FLOOD RISK MANAGEMENT FEASI-**
 17 **BILITY STUDY, NEW JERSEY.**

18 *The Secretary shall—*

19 (1) *nullify the determination of the North Atlan-*
 20 *tic Division of the Corps of Engineers that further*
 21 *study of the feasibility study for flood risk manage-*
 22 *ment, Rahway, New Jersey, is not warranted;*

23 (2) *identify an acceptable alternative to the*
 24 *project described in paragraph (1) that could receive*
 25 *Federal support; and*

1 (3) expedite the completion of a feasibility study
2 for the acceptable alternative identified under para-
3 graph (2).

4 **SEC. 1206. ARCTIC DEEP DRAFT PORT.**

5 (a) *FINDINGS.*—Congress finds the following:

6 (1) *The strategic importance of the Arctic con-*
7 *tinues to increase as the United States and other*
8 *countries recognize the economic and military signifi-*
9 *cance of the sea lanes and choke points within the re-*
10 *gion and understand the potential for power projec-*
11 *tion from the Arctic into multiple regions.*

12 (2) *On January 19, 2018, Secretary of Defense*
13 *James Mattis released the “2018 National Defense*
14 *Strategy of the United States of America” in which*
15 *the Secretary outlined the reemergence of long-term,*
16 *strategic competition by countries such as China and*
17 *Russia.*

18 (3) *Russia and China have conducted military*
19 *exercises together in the Arctic, have agreed to connect*
20 *the Northern Sea Route, claimed by Russia, with the*
21 *Maritime Silk Road of China, and are working to-*
22 *gether in developing natural gas resources in the Arc-*
23 *tic.*

24 (4) *The Government of the Russian Federation*
25 *has prioritized the development of Arctic capabilities*

1 *and has made significant investments in military in-*
2 *frastructure in the Arctic, including the creation of a*
3 *new Arctic Command and the construction or refur-*
4 *bishment of 16 deepwater ports and 14 airfields in*
5 *the region.*

6 *(5) The Government of the People’s Republic of*
7 *China—*

8 *(A) released, in January 2018, its new Arc-*
9 *tic Strategy, the Polar Silk Road, in which it*
10 *declares itself as a “near-Arctic state”; and*

11 *(B) has publicly stated that it seeks to ex-*
12 *pand its “Belt and Road Initiative” to the Arc-*
13 *tic region, including current investment in the*
14 *natural gas fields in the Yamal Peninsula in*
15 *Russia, rare-earth element mines in Greenland,*
16 *and the real estate, alternative energy, and fish-*
17 *eries in Iceland.*

18 *(6) The significance of the Arctic continues to*
19 *grow as countries around the globe begin to under-*
20 *stand the magnitude of the natural resources in the*
21 *Arctic, including, at a minimum, oil, natural gas,*
22 *rare earth minerals, gold, diamonds, and abundant*
23 *fisheries.*

24 *(7) The Bering Strait is experiencing significant*
25 *increases in international traffic from vessels*

1 *transiting the Northern Sea Route, increases that are*
2 *projected to continue if decreases in sea ice coverage*
3 *continue.*

4 (8) *Increases in human, maritime, and resource*
5 *development activity in the Arctic region create addi-*
6 *tional mission requirements for Federal agencies,*
7 *given—*

8 (A) *the strategic focus of the Government of*
9 *the Russian Federation and the Government of*
10 *the People’s Republic of China on the Arctic;*

11 (B) *overlapping territorial claims; and*

12 (C) *the potential for maritime accidents, oil*
13 *spills, and illegal fishing near the exclusive eco-*
14 *nomie zone of the United States.*

15 (9) *The increasing role of the United States in*
16 *the Arctic has been highlighted in each of the last 4*
17 *National Defense Authorization Acts.*

18 (10) *The United States Coast Guard Arctic Stra-*
19 *tegic Outlook released in April 2019 states that*
20 *“[d]emonstrating commitment to operational pres-*
21 *ence, Canada, Denmark, and Norway have made stra-*
22 *tegic investments in ice-capable patrol ships charged*
23 *with national or homeland security missions. [The*
24 *United States] is the only country with an Arctic*
25 *presence that has not made similar investments in*

1 *ice-capable surface maritime security assets. This lim-*
 2 *its the ability of the Coast Guard, and the Nation, to*
 3 *credibly uphold sovereignty or respond to contin-*
 4 *gencies in the Arctic”.*

5 (11) *On December 6, 2018, Secretary of the Navy*
 6 *Richard Spencer stated that “[w]e need to have a*
 7 *strategic Arctic port up in Alaska”.*

8 (12) *Meanwhile, the 2 closest strategic seaports,*
 9 *as designated by the Department of Defense, to the*
 10 *Arctic Circle are the Port of Anchorage and the Port*
 11 *of Tacoma, located approximately 1,500 nautical*
 12 *miles and 2,400 nautical miles away, respectively,*
 13 *and approximately 1,900 nautical miles and 2,800*
 14 *nautical miles, respectively, from Barrow, Alaska.*

15 (b) *DEFINITION OF ARCTIC.—In this section, the term*
 16 *“Arctic” has the meaning given the term in section 112 of*
 17 *the Arctic Research and Policy Act of 1984 (15 U.S.C.*
 18 *4111).*

19 (c) *SENSE OF CONGRESS.—It is the sense of Congress*
 20 *that—*

21 (1) *the Arctic is a region of strategic importance*
 22 *to the national security interests of the United States;*

23 (2) *there is a compelling national, regional,*
 24 *Alaska Native, and private sector need for permanent*
 25 *maritime and other infrastructure development and*

1 *for a presence in the Arctic region by the United*
 2 *States to support and facilitate search and rescue,*
 3 *shipping safety, economic development, oil spill pre-*
 4 *vention and response, protection of subsistence and*
 5 *commercial fishing, port of refuge, Arctic research,*
 6 *and maritime law enforcement on the Bering Sea, the*
 7 *Chukchi Sea, and the Arctic Ocean; and*

8 *(3) it is in the national interest to enhance exist-*
 9 *ing and develop maritime and other infrastructure in*
 10 *the Arctic that would allow the Coast Guard and the*
 11 *Navy each to perform their respective statutory duties*
 12 *and functions on a more permanent basis with mini-*
 13 *mal mission interruption.*

14 *(d) UNITED STATES ARCTIC DEEP DRAFT PORT.—*
 15 *The Secretary shall expedite the completion of the applica-*
 16 *ble decision document for the project for navigation, Arctic*
 17 *Deep Draft Port, Nome, Alaska.*

18 **SEC. 1207. NASSAU COUNTY BACK BAYS COASTAL STORM**
 19 **RISK MANAGEMENT.**

20 *Section 1001(a) of the Water Resources Reform and*
 21 *Development Act of 2014 (33 U.S.C. 2282c(a)) shall not*
 22 *apply to the Nassau County Back Bays Coastal Storm Risk*
 23 *Management feasibility study, authorized by the first sec-*
 24 *tion of the Act of June 15, 1955 (69 Stat. 132, chapter 140).*

1 **Subtitle** **C—Deauthorizations,**
 2 **Modifications, and Related Pro-**
 3 **visions**

4 **SEC. 1301. DEAUTHORIZATION OF WATCH HILL COVE,**
 5 **RHODE ISLAND AND CONNECTICUT.**

6 *The portion of the project for navigation, Pawcatuck*
 7 *River, Rhode Island and Connecticut, authorized by section*
 8 *2 of the Act of March 2, 1945 (commonly known as the*
 9 *“River and Harbor Act of 1945”) (59 Stat. 13), consisting*
 10 *of a 10-foot deep, 16-acre anchorage area in Watch Hill*
 11 *Cove is no longer authorized beginning on the date of enact-*
 12 *ment of this Act.*

13 **SEC. 1302. RUSH RIVER AND LOWER RUSH RIVER, NORTH**
 14 **DAKOTA.**

15 *(a) IN GENERAL.—The portion of the comprehensive*
 16 *plan for flood control and other purposes in the Red River*
 17 *of the North drainage basin, North Dakota, South Dakota,*
 18 *and Minnesota, authorized by section 203 of the Flood Con-*
 19 *trol Act of 1948 (62 Stat. 1177) and modified by section*
 20 *204 of the Flood Control Act of 1950 (64 Stat. 176), con-*
 21 *sisting of clearing and rectification of the channel from mile*
 22 *28.3 near Amenia to the mouth of the Rush River, known*
 23 *as Cass County Drain No. 12, is no longer authorized begin-*
 24 *ning on the date of enactment of this Act.*

1 (b) *LOWER BRANCH RUSH RIVER.*—*The project for*
 2 *flood control, Lower Branch Rush River, North Dakota,*
 3 *carried out under section 205 of the Flood Control Act of*
 4 *1948 (33 U.S.C. 701s), known as Cass County Drain No.*
 5 *2, is no longer authorized beginning on the date of enact-*
 6 *ment of this Act.*

7 **SEC. 1303. WILLAMETTE FALLS LOCKS, WILLAMETTE RIVER,**
 8 **OREGON.**

9 (a) *IN GENERAL.*—*The Secretary is authorized to dis-*
 10 *pose of the project for navigation, Willamette Falls Locks,*
 11 *Willamette River, Oregon, authorized by the Act of June*
 12 *25, 1910 (36 Stat. 664, chapter 382) (referred to in this*
 13 *section as the “Willamette Falls Locks project”), subject to*
 14 *the conditions described in this section and in accordance*
 15 *with the report of the Director of Civil Works entitled “Wil-*
 16 *lamette Falls Locks, Willamette River, Oregon, Section 216*
 17 *Disposition Study with Integrated Environmental Assess-*
 18 *ment (Study)” and dated July 11, 2019.*

19 (b) *REPAIRS.*—*Before the disposal under subsection*
 20 *(a), the Secretary shall carry out repairs to address pri-*
 21 *mary seismic and safety risks in accordance with the rec-*
 22 *ommendations approved in the report referred to in that*
 23 *subsection*

24 (c) *DEAUTHORIZATION.*—*On the completion of the re-*
 25 *pairs under subsection (b) and the requirements under sub-*

1 *section (d)(5), Willamette Falls Locks project shall no*
2 *longer be authorized as a Federal project.*

3 *(d) CONVEYANCE.—*

4 *(1) IN GENERAL.—Subject to the requirements of*
5 *this subsection, the Secretary is authorized to convey*
6 *to an entity to be named by the Willamette Falls*
7 *Locks Commission or the State of Oregon, all right,*
8 *title, and interest of the United States in and to any*
9 *land in which the Federal Government has a property*
10 *interest for the Willamette Falls Locks project, to-*
11 *gether with any improvements on the land.*

12 *(2) QUITCLAIM DEED.—The Secretary shall con-*
13 *vey the property and improvements described in*
14 *paragraph (1) by quitclaim deed to the transferee*
15 *identified under that paragraph under such terms*
16 *and conditions as the Secretary determines to be ap-*
17 *propriate to protect the interests of the United States,*
18 *in accordance with applicable Federal and State law.*

19 *(3) APPLICABILITY OF REAL PROPERTY SCREEN-*
20 *ING REQUIREMENTS.—Section 2696 of title 10,*
21 *United States Code, shall not apply to the conveyance*
22 *under paragraph (1).*

23 *(4) SUBJECT TO EXISTING EASEMENTS AND*
24 *OTHER INTERESTS.—The conveyance of property and*
25 *improvements under paragraph (1) shall be subject to*

1 *all existing deed reservations, easements, rights-of-*
2 *way, and leases that are in effect as of the date of the*
3 *conveyance.*

4 (5) *REQUIREMENTS BEFORE CONVEYANCE.—*

5 (A) *PERPETUAL ROAD EASEMENT.—Before*
6 *a conveyance under paragraph (1), the Secretary*
7 *shall acquire a perpetual road easement from the*
8 *adjacent property owner for use of the access*
9 *road.*

10 (B) *ENVIRONMENTAL COMPLIANCE.—Before*
11 *a conveyance under paragraph (1)—*

12 (i) *in accordance with the real estate*
13 *report in Appendix A of the report referred*
14 *to in subsection (a), the Secretary shall*
15 *complete a Phase 1 Environmental Site As-*
16 *essment pursuant to the Comprehensive*
17 *Environmental Response, Compensation,*
18 *and Liability Act of 1980 (42 U.S.C. 9601*
19 *et seq.); and*

20 (ii) *the Secretary shall satisfy all con-*
21 *ditions set forth in the Phase 1 Site Assess-*
22 *ment for the Willamette Falls Locks project,*
23 *including a Phase 2 Site Assessment, and*
24 *any needed property restoration.*

1 (C) *HISTORIC PRESERVATION.*—*Before a*
 2 *conveyance under paragraph (1), the Secretary*
 3 *shall comply with obligations of the Secretary*
 4 *under the Memorandum of Agreement with the*
 5 *Oregon State Historic Preservation Office and*
 6 *the Advisory Council on Historic Preservation*
 7 *and dated September 2016.*

8 (e) *SAVINGS CLAUSE.*—*If the transferee under sub-*
 9 *section (d)(1) does not accept the conveyance under that*
 10 *subsection, the Secretary may dispose of the land and im-*
 11 *provements in which the Federal Government has a prop-*
 12 *erty interest for the Willamette Falls Locks project under*
 13 *subchapter III of chapter 5 of title 40, United States Code.*

14 **SEC. 1304. CAMDEN HARBOR, MAINE.**

15 (a) *IN GENERAL.*—*The portions of the project for navi-*
 16 *gation, Camden Harbor, Maine, described in subsection (b)*
 17 *are no longer authorized beginning on the date of enactment*
 18 *of this Act.*

19 (b) *PORTIONS DESCRIBED.*—*The portions referred to*
 20 *in subsection (a) are the following:*

21 (1) *The portion of the 10-foot deep inner harbor*
 22 *area, authorized by the first section of the Act of*
 23 *March 3, 1873 (17 Stat. 565, chapter 233), and the*
 24 *first section of the Act of August 11, 1888 (25 Stat.*

1 400, chapter 860), approximately 50,621.75 square
2 feet in area—

3 (A) starting at a point with coordinates
4 N197,640.07, E837,851.71;

5 (B) thence running $S84^{\circ}43' 23.94''W$ about
6 381.51 feet to a point with coordinates
7 N197,604.98, E837,471.82;

8 (C) thence running $N43^{\circ}47'51.43''W$ about
9 270.26 feet to a point with coordinates
10 N197,800.05, E837,284.77;

11 (D) thence running $S59^{\circ}02' 26.62''E$ about
12 219.18 feet to a point with coordinates
13 N197,687.30, E837,472.72;

14 (E) thence running $S81^{\circ}50' 09.76''E$ about
15 144.70 feet to a point with coordinates
16 N197,666.75, E837,615.96;

17 (F) thence running $N57^{\circ}27' 07.42''E$ about
18 317.32 feet to a point with coordinates
19 N197,866.52, E837,928.96; and

20 (G) thence running $S18^{\circ}50' 04.48''W$ about
21 239.27 feet to the point described in subpara-
22 graph (A).

23 (2) The portion of the 14-foot deep outer harbor
24 area, authorized by the first section of the Act of Au-
25 gust 11, 1888 (25 Stat. 400, chapter 860), and the

1 *first section of the Act of June 13, 1902 (32 Stat. 331,*
2 *chapter 1079), approximately 222,015.94 square feet*
3 *in area—*

4 *(A) starting at a point with coordinates*
5 *N197,640.07, E837,851.71;*

6 *(B) thence running N18°50'04.48"E about*
7 *239.27 feet to a point with coordinates*
8 *N197,866.53, E837,928.96;*

9 *(C) thence running N58°28' 51.05"E about*
10 *308.48 feet to a point with coordinates*
11 *N198,027.79, E838,191.93;*

12 *(D) thence running N84°20' 01.88"E about*
13 *370.06 feet to a point with coordinates*
14 *N198,064.33, E838,560.18;*

15 *(E) thence running S05°32' 03.42"E about*
16 *357.31 feet to a point with coordinates*
17 *N197,708.68, E838,594.64; and*

18 *(F) thence running S84°43' 23.94"W about*
19 *746.08 feet to the point described in subpara-*
20 *graph (A).*

1 **SEC. 1305. DEAUTHORIZATION OF FLOOD CONTROL**
 2 **PROJECT FOR TAYLOR CREEK RESERVOIR**
 3 **AND LEVEE L-73, UPPER ST. JOHNS RIVER**
 4 **Basin, Central and Southern Florida.**

5 *The portions of the project for flood control and other*
 6 *purposes, Central and Southern Florida, authorized by sec-*
 7 *tion 203 of the Flood Control Act of 1948 (62 Stat. 1176),*
 8 *consisting of the Taylor Creek Reservoir and Levee L-73*
 9 *within the Upper St. Johns River Basin, Florida, are no*
 10 *longer authorized beginning on the date of enactment of this*
 11 *Act.*

12 **SEC. 1306. NEW LONDON HARBOR WATERFRONT CHANNEL,**
 13 **CONNECTICUT.**

14 (a) *IN GENERAL.*—*The portion of the project for navi-*
 15 *gation, New London Harbor, Connecticut, 23-foot Water-*
 16 *front Channel, authorized by the first section of the Act of*
 17 *June 13, 1902 (32 Stat. 333, chapter 1079), described in*
 18 *subsection (b) is no longer authorized beginning on the date*
 19 *of enactment of this Act.*

20 (b) *AREA DESCRIBED.*—*The area referred to in sub-*
 21 *section (a) is generally the portion between and around the*
 22 *2 piers at State Pier New London, specifically the area—*

23 (1) *beginning at a point N691263.78,*
 24 *E1181259.26;*

25 (2) *running N 35°01'50.75" W about 955.59 feet*
 26 *to a point N692046.26, E1180710.74;*

1 (3) running N 54°58'06.78" E about 100.00 feet
2 to a point N692103.66, E1180792.62;

3 (4) running S 35°01'50.75" E about 989.8 feet
4 to a point N691293.17, E1181360.78; and

5 (5) running S 73°51'15.45" W about 105.69 feet
6 to the point described in paragraph (1).

7 **SEC. 1307. NO DEAUTHORIZATION OF CERTAIN PROJECTS.**

8 Notwithstanding any other provision of law, during
9 the period ending on September 30, 2024, an environmental
10 infrastructure assistance project or program of the Corps
11 of Engineers shall not be deauthorized.

12 **SEC. 1308. COMPREHENSIVE EVERGLADES RESTORATION**
13 **PLAN.**

14 Notwithstanding any other provision of law, a project
15 or separable element of a project under the Comprehensive
16 Everglades Restoration Plan authorized by section 601 of
17 the Water Resources Development Act of 2000 (114 Stat.
18 2680) shall not be deauthorized prior to December 31, 2030.

19 **SEC. 1309. CAPE PORPOISE HARBOR, MAINE, ANCHORAGE**
20 **AREA DESIGNATION.**

21 (a) *IN GENERAL.*—The project for navigation, Cape
22 Porpoise Harbor, Kennebunkport, Maine, authorized by sec-
23 tion 101 of the River and Harbor Act of 1948 (62 Stat.
24 1172, chapter 771), is modified to designate the portion of

1 the project described in subsection (b) as a 6-foot deep an-
 2 chorage.

3 (b) *PORTION DESCRIBED.*—The portion of the project
 4 referred to in subsection (a) is the approximately
 5 192,235.63 square foot area consisting of the 100-foot wide
 6 and 6-foot deep channel located within the inner harbor—

7 (1) starting at a point with coordinates N
 8 194,175.13, E 2,882,011.74;

9 (2) thence running N $33^{\circ}46'08.14''$ W about
 10 914.57 feet to a point with coordinates N 194,935.40,
 11 E 2,881,503.38;

12 (3) thence running N $12^{\circ}41'09.78''$ W about
 13 1,026.40 feet to a point with coordinates N
 14 195,936.74, E 2,881,277.97;

15 (4) thence running N $77^{\circ}18'50.22''$ E about
 16 100.00 feet to a point with coordinates N 195,958.70,
 17 E 2,881,375.53;

18 (5) thence running S $12^{\circ}41'09.78''$ E about
 19 1,007.79 feet to a point with coordinates N
 20 194,975.52, E 2,881,596.85;

21 (6) thence running S $33^{\circ}46'08.14''$ E about
 22 895.96 feet to a point with coordinates N 194,230.72,
 23 E 2,882,094.86;

24 (7) thence running S $56^{\circ}13'51.86''$ W about
 25 100.00 feet to the point described in paragraph (1).

1 **SEC. 1310. SACRAMENTO RIVER, GLENN-COLUSA, CALI-**
 2 **FORNIA.**

3 *The portion of the project for flood control, Sacramento*
 4 *River, California, authorized by section 2 of the Act of*
 5 *March 1, 1917 (39 Stat. 949, chapter 144), and modified*
 6 *by section 102 of the Energy and Water Development Ap-*
 7 *propriations Act, 1990 (103 Stat. 649), section 301(b)(3)*
 8 *of the Water Resources Development Act of 1996 (110 Stat.*
 9 *3709), title I of the Energy and Water Development Appro-*
 10 *priations Act, 1999 (112 Stat. 1841), and section 305 of*
 11 *the Water Resources Development Act of 1999 (113 Stat.*
 12 *299), consisting of a riverbed gradient restoration facility*
 13 *at the Glenn–Colusa Irrigation District Intake, is no longer*
 14 *authorized beginning on the date of enactment of this Act.*

15 ***Subtitle D—Water Resources***
 16 ***Infrastructure***

17 **SEC. 1401. PROJECT AUTHORIZATIONS.**

18 *The following projects for water resources development*
 19 *and conservation and other purposes, as identified in the*
 20 *report entitled “Report to Congress on Future Water Re-*
 21 *sources Development” submitted to Congress on or after*
 22 *June 3, 2019, pursuant to section 7001 of the Water Re-*
 23 *sources Reform and Development Act of 2014 (33 U.S.C.*
 24 *2282d) or otherwise reviewed by Congress, are authorized*
 25 *to be carried out by the Secretary substantially in accord-*
 26 *ance with the plans, and subject to the conditions, described*

1 *in the respective reports or decision documents designated*

2 *in this section:*

3 (1) *ECOSYSTEM RESTORATION.*—

A. State	B. Name	C. Date of Report of Chief of Engineers or Direc- tor of Civil Works	D. Estimated Costs
1. MD	Anacostia River, Prince George's County	December 19, 2018	Federal: \$23,171,000 Non-Federal: \$12,476,000 Total: \$35,647,000
2. IL	Great Lakes and Mississippi River Interbasin Study—Brandon Road, Will County	May 23, 2019	Federal: \$647,478,000 Non-Federal: \$215,826,000 Total: \$863,304,000
3. CO	South Platte River and Tributaries, Adams and Denver Counties	July 29, 2019	Federal: \$334,412,000 Non-Federal: \$200,406,000 Total: \$534,818,000
4. MO	St. Louis River- front—Meramec River Basin	November 1, 2019	Federal: \$60,124,000 Non-Federal: \$32,375,000 Total: \$92,499,000
5. CA	Delta Islands and Levees	December 18, 2018	Federal: \$16,746,395 Non-Federal: \$9,016,736 Total: \$25,763,131
6. CA	Yuba River	June 20, 2019	Federal: \$65,014,326 Non-Federal: \$35,008,268 Total: \$100,022,594
7. NM	Sandia Pueblo to Isleta Pueblo	August 5, 2019	Federal: \$16,163,000 Non-Federal: \$8,703,000 Total: \$24,866,000
8. TX	Jefferson County	September 12, 2019	Federal: \$37,615,000 Non-Federal: \$20,254,000 Total: \$57,869,000
9. FL	Loxahatchee River Watershed	April 8, 2020	Federal: \$372,232,000 Non-Federal: \$368,528,000 Total: \$740,760,000

1 (2) *FLOOD RISK MANAGEMENT.*—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. ND	<i>Souris River Basin, Bottineau, McHenry, Renville, and Ward Counties</i>	<i>April 16, 2019</i>	<i>Federal: \$58,041,750 Non-Federal: \$31,253,250 Total: \$89,295,000</i>
2. AZ	<i>Little Colorado River at Wins- low, Navajo County</i>	<i>December 14, 2018</i>	<i>Federal: \$52,462,000 Non-Federal: \$28,249,000 Total: \$80,711,000</i>
3. NM	<i>Middle Rio Grande floor protection, Bernalillo to Belen, New Mex- ico, at Albu- querque, New Mexico</i>	<i>March 13, 2020</i>	<i>Federal: \$190,538,000 Non-Federal: \$102,598,000 Total: \$293,136,000</i>
4. OK	<i>Tulsa and West Tulsa Levee System</i>	<i>April 23, 2020</i>	<i>Federal: \$86,780,000 Non-Federal: \$46,728,000 Total: \$133,508,000</i>
5. NJ	<i>Peckman River Basin</i>	<i>April 29, 2020</i>	<i>Federal: \$95,022,000 Non-Federal: \$51,166,000 Total: \$146,188,000</i>

2 (3) *HURRICANE AND STORM DAMAGE RISK RE-*
3 *DUCTION.*—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. NY	<i>East Rockaway Inlet to Rock- away Inlet and Jamaica Bay Reformulation, Atlantic Coast</i>	<i>August 22, 2019</i>	<i>Federal: \$793,966,000 Non-Federal: \$189,763,000 Total: \$983,729,000</i>
2. RI	<i>Pawcatuck River</i>	<i>December 19, 2018</i>	<i>Federal: \$37,848,000 Non-Federal: \$20,379,000 Total: \$58,227,000</i>
3. VA	<i>Norfolk Coastal Storm Risk Management</i>	<i>February 5, 2019</i>	<i>Federal: \$909,040,000 Non-Federal: \$489,480,000 Total: \$1,398,520,000</i>
4. NY	<i>Hashamomuck Cove</i>	<i>December 9, 2019</i>	<i>Initial Federal: \$11,549,000 Initial Non-Federal: \$6,218,000 Initial Total: \$17,767,000 Renourishment Federal: \$23,481,500 Renourishment Non-Federal: \$23,481,500 Renourishment Total: \$46,963,000</i>
5. DE	<i>Delaware River Dredged Mate- rial Utilization</i>	<i>March 6, 2020</i>	<i>Initial Federal: \$53,220,000 Initial Non-Federal: \$28,660,000 Initial Total: \$81,880,000 Renourishment Federal: \$116,380,000 Renourishment Non-Federal: \$116,380,000 Renourishment Total: \$232,760,000</i>

1

(4) NAVIGATION.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. AK	Unalaska, Dutch Harbor Channels	February 7, 2020	Federal: \$26,202,750 Non-Federal: \$8,734,000 Total: \$34,937,000
2. TX	Gulf Intracoastal Waterway, Brazos River Floodgates and Colorado River Locks	October 23, 2019	Total: \$409,777,000 (to be derived 65 percent from the general fund of the Treasury and 35 percent from the Inland Waterways Trust Fund)
3. TX	Matagorda Ship Channel Improvement Project, Port Lavaca	November 15, 2019	Federal: \$138,660,000 Non-Federal: \$79,664,000 Total: \$218,324,000
4. TX	Houston Ship Channel Expansion Improvement Project	April 23, 2020	Federal: \$462,803,000 Non-Federal: \$414,045,000 Total: \$876,848,000
5. NY, NJ	New York and New Jersey Harbor Anchorages	April 23, 2020	Federal: \$18,940,000 Non-Federal: \$6,310,000 Total: \$25,250,000

1 (5) COASTAL STORM RISK MANAGEMENT.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. NJ, PA	New Jersey Dredged Material Utilization, Delaware River	April 8, 2020	Federal: \$162,920,000 Non-Federal: \$125,640,000 Total: \$288,560,000

2 (6) NAVIGATION AND ECOSYSTEM RESTORA-
3 TION.—

A. State	B. Name	C. Date of Decision Document	D. Estimated Costs
1. TX	Corpus Christi Ship Channel	May 4, 2020	Federal: \$403,000,000 Non-Federal: \$273,010,000 Total: \$676,010,000

1 **SEC. 1402. EXPEDITED COMPLETION OF CERTAIN**
2 **PROJECTS.**

3 *The Secretary shall provide priority funding for and*
4 *expedite the completion of the following projects:*

5 *(1) The project for ecosystem restoration, Caño*
6 *Martín Peña, Puerto Rico, as authorized by section*
7 *5127 of the Water Resources Development Act of 2007*
8 *(121 Stat. 1242).*

9 *(2) The project for navigation for Portsmouth*
10 *Harbor and the Piscataqua River, Maine and New*
11 *Hampshire, authorized by section 101 of the River*
12 *and Harbor Act of 1962 (76 Stat. 1173).*

13 *(3) The project for flood risk management, Rio*
14 *de Flag, Arizona.*

15 *(4) The project for flood risk management, East*
16 *Hartford Levee System, Connecticut.*

17 *(5) The project for flood risk management, Hart-*
18 *ford Levee System, Connecticut.*

19 *(6) The project for navigation, Guilford Harbor*
20 *and Sluice Channel, Connecticut.*

1 (7) *Phase 5 of the Bluestone Dam Project Reme-*
 2 *diation, West Virginia.*

3 (8) *The project for water supply and ecosystem*
 4 *restoration, Howard Hanson Dam, Washington, au-*
 5 *thorized by section 101(b)(15) of the Water Resources*
 6 *Development Act of 1999 (113 Stat. 281).*

7 (9) *The project for ecosystem restoration, Puget*
 8 *Sound, Washington, authorized by section 209 of the*
 9 *Flood Control Act of 1962 (76 Stat. 1197).*

10 (10) *The project for navigation, Tacoma Harbor,*
 11 *Washington.*

12 (11) *The project for water storage, Halligan*
 13 *Dam, Colorado.*

14 (12) *The project for construction of tribal hous-*
 15 *ing authorized by title IV of Public Law 100–581*
 16 *(102 Stat. 2944).*

17 (13) *The replacement of the Bourne and Saga-*
 18 *more Bridges, Cape Cod, Massachusetts.*

19 (14) *The project for coastal storm damage reduc-*
 20 *tion, San Diego County shoreline, California.*

21 **SEC. 1403. ADDITIONAL PROJECT AUTHORIZATIONS.**

22 *The following projects for water resources development*
 23 *and conservation and other purposes are authorized to be*
 24 *carried out by the Secretary as recommended in the respec-*
 25 *tive reports, designated in this section, that were prepared*

1 *by non-Federal interests under section 203 of the Water Re-*
2 *sources Development Act of 1986 (33 U.S.C. 2231), with*
3 *such modifications as the Secretary determines advisable,*
4 *subject to preparation of a report by the Secretary to ad-*
5 *dress the concerns, recommendations, and conditions, if*
6 *any, identified by the Secretary in the review assessments*
7 *designated in this section:*

8 (1) *COASTAL STORM RISK MANAGEMENT.*—

<i>A. State</i>	<i>B. Name</i>	<i>C. Date of Report</i>	<i>D. Date of Review As- sessment</i>
1. FL	St. Lucie County, Fort Pierce Shore Protection	June 2018	July 2018

9 (2) *NAVIGATION.*—

<i>A. State</i>	<i>B. Name</i>	<i>C. Date of Report</i>	<i>D. Date of Review As- sessment</i>
1. LA	Houma Naviga- tion Canal Deepening	June 2018	July 2018
2. LA	Baptiste-Collette Bayou Naviga- tion Channel Deepening	January 2017, amended April 2018	June 2018

10 (3) *FLOOD RISK MANAGEMENT.*—

<i>A. State</i>	<i>B. Name</i>	<i>C. Date of Report</i>	<i>D. Date of Review As- sessment</i>
1. TX	Chacon Creek	August 2018	September 2018

1 **SEC. 1404. TREATMENT OF PROJECT.**

2 *In the case of the project listed in item 4 in the table*
3 *under section 1401(2), the non-Federal contribution for the*
4 *project shall be financed over a period of 30 years from*
5 *the date of completion of the project, in accordance with*
6 *section 103(k) of the Water Resources Development Act of*
7 *1986 (33 U.S.C. 2213(k)).*

8 ***Subtitle E—Water Supply and***
9 ***Storage***

10 **SEC. 1501. SMALL WATER STORAGE PROJECTS.**

11 *(a) IN GENERAL.—The Secretary shall carry out a*
12 *program to study and construct new, or enlarge existing,*
13 *small water storage projects in rural States, in partnership*
14 *with a non-Federal interest.*

15 *(b) REQUIREMENTS.—To be eligible to participate in*
16 *the program under this section, a water storage project*
17 *shall—*

18 *(1) be located in a State with a population of*
19 *less than 1,000,000;*

20 *(2)(A) in the case of a new water storage project,*
21 *have a water storage capacity of not less than 2,000*
22 *acre-feet and not more than 30,000 acre-feet; and*

23 *(B) in the case of an enlargement of an existing*
24 *water storage project, be for an enlargement of not*
25 *less than 1,000 acre-feet and not more than 30,000*
26 *acre-feet;*

1 (3) *provide—*

2 (A) *flood risk management benefits; or*

3 (B) *ecological benefits; and*

4 (4) *be economically justified, environmentally*
5 *acceptable, and technically feasible.*

6 (c) *EXPEDITED PROJECTS.—For the 10-year period*
7 *beginning on the date of enactment of this Act, the Sec-*
8 *retary shall expedite projects under this section for which*
9 *applicable Federal permitting requirements have been com-*
10 *pleted.*

11 (d) *USE OF DATA.—*

12 (1) *IN GENERAL.—In conducting a study under*
13 *this section, to the maximum extent practicable, the*
14 *Secretary shall use any applicable hydrologic, eco-*
15 *nomie, or environmental data from State water plans*
16 *or other State planning documents relating to water*
17 *resources management.*

18 (2) *USE OF EXISTING MATERIALS.—*

19 (A) *STUDIES.—On the agreement of the*
20 *Secretary and the non-Federal interest, the Sec-*
21 *retary may use any applicable existing studies of*
22 *the non-Federal interest.*

23 (B) *FEDERAL PERMITTING.—The Secretary*
24 *may use Federal permitting that has been com-*
25 *pleted by other Federal agencies for the purpose*

1 *of determining project eligibility with respect to*
 2 *the requirements described in subsection (b)(4).*

3 *(e) COST-SHARE.—*

4 *(1) STUDY.—The Federal share of the cost of a*
 5 *study conducted under this section shall be 75 per-*
 6 *cent.*

7 *(2) CONSTRUCTION.—The Federal share of the*
 8 *cost of a project constructed under this section shall*
 9 *be 80 percent.*

10 *(f) OMRRR RESPONSIBILITY.—The costs of operation,*
 11 *maintenance, repair, replacement, and rehabilitation for a*
 12 *project constructed under this section shall be the responsi-*
 13 *bility of the non-Federal interest.*

14 *(g) INDIVIDUAL PROJECT LIMIT.—Not more than*
 15 *\$65,000,000 in Federal funds may be made available to a*
 16 *project under this section.*

17 *(h) AUTHORIZATION OF APPROPRIATIONS.—There is*
 18 *authorized to be appropriated to carry out this section*
 19 *\$130,000,000 for each fiscal year.*

20 **SEC. 1502. MISSOURI RIVER RESERVOIR SEDIMENT MAN-**
 21 **AGEMENT.**

22 *Section 1179(a) of the Water Infrastructure Improve-*
 23 *ments for the Nation Act (130 Stat. 1675; 132 Stat. 3782)*
 24 *is amended—*

25 *(1) in paragraph (3)—*

1 (A) in subparagraph (B), by inserting
 2 “project purposes, including” before “storage ca-
 3 pacity”; and

4 (B) in subparagraph (C), by striking “pre-
 5 liminary”;

6 (2) by striking paragraph (9);

7 (3) by redesignating paragraphs (4) through (8)
 8 as paragraphs (6) through (10), respectively; and

9 (4) by inserting after paragraph (3) the fol-
 10 lowing:

11 “(4) *JUSTIFICATION.*—In determining the eco-
 12 nomic justification of a sediment management plan
 13 under paragraph (2), the Secretary shall—

14 “(A) measure and include flooding, erosion,
 15 and accretion damages both upstream and down-
 16 stream of the reservoir that are likely to occur as
 17 a result of sediment management within the res-
 18 ervoir compared to the damages that are likely
 19 to occur if the sediment management plan is not
 20 implemented; and

21 “(B) include lifecycle costs and a 100-year
 22 period of analysis.

23 “(5) *IMPLEMENTATION.*—As part of a sediment
 24 management plan under paragraph (2), the Secretary
 25 may carry out sediment removal activities at res-

1 ervoirs owned and operated by the Secretary in the
 2 Upper Missouri River Basin, or at reservoirs for
 3 which the Secretary has flood control responsibilities
 4 under section 7 of the Act of December 22, 1944 (com-
 5 monly known as the ‘Flood Control Act of 1944’) (58
 6 Stat. 890, chapter 665; 33 U.S.C. 709), in the Upper
 7 Missouri River Basin, in accordance with section 602
 8 of the Water Resources Development Act of 1986 (100
 9 Stat. 4148; 121 Stat. 1076) as if those reservoirs were
 10 listed in subsection (a) of that section.”.

11 **SEC. 1503. PLANNING ASSISTANCE FOR STATES.**

12 The Secretary shall ensure that the planning assist-
 13 ance for States program under section 22 of the Water Re-
 14 sources Development Act of 1974 (42 U.S.C. 1962d–16) pro-
 15 vides equal priority for all authorized purposes, including
 16 water supply and water conservation.

17 **SEC. 1504. FORECAST-INFORMED RESERVOIR OPERATIONS.**

18 (a) **WORKING GROUP.**—

19 (1) **IN GENERAL.**—Not later than 180 days after
 20 the date of enactment of this Act, the Secretary, in
 21 conjunction with the Commissioner of Reclamation,
 22 shall establish a working group to advance the science
 23 to support forecast-informed reservoir operations in
 24 the Upper Missouri River Basin.

1 (2) *MEMBERS.*—*The working group established*
 2 *under paragraph (1) shall be composed of—*

3 *(A) the Secretary;*

4 *(B) the Commissioner of Reclamation;*

5 *(C) the Director of the United States Geo-*
 6 *logical Survey;*

7 *(D) the Administrator of the National Oce-*
 8 *anic and Atmospheric Administration; and*

9 *(E) representatives of affected State and*
 10 *local agencies.*

11 (3) *DUTIES.*—*The working group established*
 12 *under paragraph (1) shall develop recommendations*
 13 *to implement the use of forecast-informed reservoir*
 14 *operations in the Upper Missouri River Basin and*
 15 *submit to Congress a report on the findings and rec-*
 16 *ommendations of the working group.*

17 (b) *VIABILITY ASSESSMENTS.*—

18 (1) *IN GENERAL.*—*On request of a non-Federal*
 19 *interest, the Secretary, the Commissioner of Reclama-*
 20 *tion, and the non-Federal interest shall jointly con-*
 21 *duct a viability assessment on the use of forecast-in-*
 22 *formed reservoir operations at a reservoir—*

23 *(A) that is located within the Upper Mis-*
 24 *souri River Basin; and*

1 (B) *for which the Secretary has flood con-*
 2 *trol responsibilities under section 7 of the Act of*
 3 *December 22, 1944 (commonly known as the*
 4 *“Flood Control Act of 1944”) (58 Stat. 890,*
 5 *chapter 665; 33 U.S.C. 709).*

6 (2) *COMPLETION DATE.—To the maximum ex-*
 7 *tent practicable, a viability assessment under para-*
 8 *graph (1) shall be completed by not later than 1 year*
 9 *after the date on which the viability assessment be-*
 10 *gins.*

11 (3) *FEDERAL SHARE.—The Federal share of the*
 12 *cost of a viability assessment under paragraph (1)*
 13 *shall be 100 percent.*

14 (c) *PLAN FOR TEMPORARY DEVIATION.—If a viability*
 15 *assessment conducted under subsection (b)(1) indicates that*
 16 *forecast-informed reservoir operations are viable at a res-*
 17 *ervoir described in that subsection, the Secretary and the*
 18 *Commissioner of Reclamation shall develop and implement*
 19 *a pilot program to carry out forecast-informed reservoir op-*
 20 *erations at that reservoir.*

21 **SEC. 1505. STUDY ON DATA FOR WATER ALLOCATION, SUP-**
 22 **PLY, AND DEMAND.**

23 (a) *IN GENERAL.—The Secretary shall offer to enter*
 24 *into an agreement with the National Academy of Sciences*
 25 *to conduct a study on the ability of Federal agencies to co-*

1 *ordinate with other Federal agencies, State and local agen-*
 2 *cies, Indian tribes, communities, universities, consortiums,*
 3 *councils, and other relevant entities with expertise in water*
 4 *resources to facilitate and coordinate the sharing of water*
 5 *allocation, supply, and demand data, including—*

6 *(1) any catalogs of data;*

7 *(2) definitions of any commonly used terms re-*
 8 *lating to water allocation, supply, and demand; and*

9 *(3) a description of any common standards used*
 10 *by those entities.*

11 *(b) REPORT.—If the National Academy of Sciences en-*
 12 *ters into the agreement under subsection (a), to the max-*
 13 *imum extent practicable, not later than 1 year after the*
 14 *date of enactment of this Act, the National Academy of*
 15 *Sciences shall submit to Congress a report that includes—*

16 *(1) the results of the study under subsection (a);*

17 *(2) recommendations for ways to streamline and*
 18 *make cost-effective methods for Federal agencies to co-*
 19 *ordinate interstate sharing of data, including rec-*
 20 *ommendations for the development of a publicly acces-*
 21 *sible, internet-based platform that can allow entities*
 22 *described in subsection (a) to communicate and co-*
 23 *ordinate ongoing data collection efforts relating to*
 24 *water allocation, supply, and demand, and share best*
 25 *practices relating to those efforts; and*

1 (3) a recommendation as to an appropriate Fed-
2 eral entity that should—

3 (A) serve as the lead coordinator for data
4 relating to water allocation, supply, and de-
5 mand; and

6 (B) host and manage the internet-based
7 platform described in paragraph (2).

8 (c) *FUNDING.*—Out of funds made available to the Sec-
9 retary for operations and maintenance activities of the
10 Corps of Engineers that are not otherwise obligated, the Sec-
11 retary may use to carry out this section \$3,900,000.

12 **SEC. 1506. GAO REPORT ON CERTAIN FEDERAL DAMS AND**
13 **RESERVOIRS.**

14 Not later than 1 year after the date of enactment of
15 this Act, the Comptroller General of the United States shall
16 submit to Congress a report that includes—

17 (1) with respect to each Federal dam and res-
18 ervoir in the United States located west of the 100th
19 meridian—

20 (A) an identification of the water control
21 manuals that were changed or updated by the
22 Corps of Engineers during the previous 10 years;
23 and

1 (B) an identification of any water storage
2 reallocations approved by the Corps of Engineers
3 during the previous 10 years;

4 (2) a summary of the process and policies used
5 by the Corps of Engineers to establish and update
6 flood control curves within water control manuals at
7 the Federal dams and reservoirs described in para-
8 graph (1); and

9 (3) recommendations for changes to the process
10 and policies referred to in paragraph (2) to allow for
11 increased water storage at the Federal dams and res-
12 ervoirs described in paragraph (1).

13 **SEC. 1507. AQUATIC ECOSYSTEM RESTORATION.**

14 Section 206 of the Water Resources Development Act
15 of 1996 (33 U.S.C. 2330) is amended—

16 (1) by redesignating subsection (f) as subsection
17 (g); and

18 (2) by inserting after subsection (e) the following:

19 “(f) *PRIORITY.*—For the period of fiscal years 2021
20 through 2024, in carrying out this section, the Secretary
21 shall give priority to a project that—

22 “(1) is located in the South Platte River Basin;

23 “(2) is on a body of water that is identified by
24 the applicable State under section 303(d) of the Fed-

1 *eral Water Pollution Control Act (33 U.S.C. 1313(d))*
 2 *as being impaired;*

3 *“(3) has the potential to provide flood risk man-*
 4 *agement and recreational benefits in addition to eco-*
 5 *system restoration benefits; and*

6 *“(4) is located in a city with a population of*
 7 *80,000 or less.”.*

8 **SEC. 1508. IMPROVING REVIEWS FOR NON-FEDERAL HYDRO-**
 9 **POWER AT EXISTING CORPS OF ENGINEERS**
 10 **PROJECTS.**

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

12 *(1) COMMISSION.—The term “Commission”*
 13 *means the Federal Energy Regulatory Commission.*

14 *(2) ENVIRONMENTAL REVIEW PROCESS.—The*
 15 *term “environmental review process” means the proc-*
 16 *ess of preparing an environmental impact statement*
 17 *or environmental assessment under the National En-*
 18 *vironmental Policy Act of 1969 (42 U.S.C. 4321 et*
 19 *seq.).*

20 *(3) LICENSING APPLICATION.—*

21 *(A) IN GENERAL.—The term “licensing ap-*
 22 *plication” means the process of seeking a license*
 23 *from the Commission to construct or operate a*
 24 *hydropower facility at a qualifying facility.*

1 (B) *INCLUSION.*—*The term “licensing ap-*
 2 *plication” includes any prelicensing coordina-*
 3 *tion conducted with the Commission prior to*
 4 *submission of a formal application.*

5 (4) *MEMORANDUM OF UNDERSTANDING.*—*The*
 6 *term “Memorandum of Understanding” means the*
 7 *Memorandum of Understanding between the Corps of*
 8 *Engineers and the Commission on Non-Federal Hy-*
 9 *dropower Projects, signed in July 2016.*

10 (5) *QUALIFYING FACILITY.*—*The term “quali-*
 11 *fying facility” means any dam, dike, embankment, or*
 12 *other barrier—*

13 (A) *the construction of which was completed*
 14 *on or before the date of enactment of this section;*
 15 *and*

16 (B) *that is operated, owned, or constructed*
 17 *by the Corps of Engineers.*

18 (b) *APPLICABILITY.*—*This section shall apply to each*
 19 *licensing application for a qualifying facility—*

20 (1) *for which prelicensing coordination described*
 21 *in subsection (a)(3)(B) is initiated on or after the*
 22 *date of enactment of this section; or*

23 (2) *that is submitted on or after the date of en-*
 24 *actment of this section.*

25 (c) *ENVIRONMENTAL REVIEW PROCESS.*—

1 (1) *IN GENERAL.*—*Except as provided under*
 2 *paragraph (2) and consistent with the Memorandum*
 3 *of Understanding, the Commission and the Secretary*
 4 *shall develop and implement an environmental review*
 5 *process for a licensing application at a qualifying fa-*
 6 *cility, which shall include conducting the Commission*
 7 *prelicensing process concurrently with the process of*
 8 *preparing an environmental impact statement or en-*
 9 *vironmental assessment under the jurisdiction of the*
 10 *Secretary that may be required to construct or oper-*
 11 *ate a hydropower facility at a qualifying facility.*

12 (2) *EXCEPTION.*—*The environmental review*
 13 *process shall not include a licensing application in*
 14 *which the proposed activity qualifies for a general*
 15 *permit under section 10 of the Act of March 3, 1899*
 16 *(commonly known as the “Rivers and Harbors Act of*
 17 *1899”) (30 Stat. 1151, chapter 425; 33 U.S.C. 403)*
 18 *or section 404 of the Federal Water Pollution Control*
 19 *Act (33 U.S.C. 1344) or categorical permission under*
 20 *section 14 of the Act of March 3, 1899 (commonly*
 21 *known as the “Rivers and Harbors Act of 1899”) (30*
 22 *Stat. 1152, chapter 425; 33 U.S.C. 408).*

23 (3) *LENGTH OF PROCESS.*—*To the maximum ex-*
 24 *tent practicable, and without affecting the obligations*
 25 *or requirements of any Federal environmental law,*

1 *including the National Environmental Policy Act of*
2 *1969 (42 U.S.C. 4321 et seq.), the Federal Water Pol-*
3 *lution Control Act (33 U.S.C. 1251 et seq.), and the*
4 *Endangered Species Act of 1973 (16 U.S.C. 1531 et*
5 *seq.), the Commission and the Secretary shall ensure*
6 *that the environmental review process described in*
7 *paragraph (1) is completed in a timely manner so*
8 *that the Commission is able to make a final decision*
9 *on an application for a license by not later than 2*
10 *years after the date on which the Commission receives*
11 *a completed licensing application.*

12 (4) *PURPOSE AND NEED.*—*Notwithstanding the*
13 *authority of the Secretary in determining overall*
14 *project purposes under part 230 of title 33, Code of*
15 *Federal Regulations (or successor regulations), the*
16 *Secretary, consistent with the Memorandum of Un-*
17 *derstanding, shall coordinate with the Commission to*
18 *define the purpose and need for an environmental im-*
19 *port statement or environmental assessment as part*
20 *of the environmental review process described in*
21 *paragraph (1).*

22 (d) *CERTIFICATION.*—*No hydropower facility planned*
23 *under this section shall be approved by the Commission or*
24 *the Secretary unless the Secretary certifies in writing that*

1 *the proposed hydropower facility will not adversely affect*
2 *or undermine—*

3 *(1) the structural integrity of the qualifying fa-*
4 *cility; and*

5 *(2) the ability of the qualifying facility—*

6 *(A) to achieve the congressionally author-*
7 *ized purposes of the facility; and*

8 *(B) to comply with applicable laws and*
9 *policies, including the national water resources*
10 *planning policy under section 2031(a) of the*
11 *Water Resources Development Act of 2007 (42*
12 *U.S.C. 1962–3(a)).*

13 *(e) SAVINGS CLAUSE.—Nothing in this section waives*
14 *or affects the obligations or requirements of any Federal en-*
15 *vironmental laws, including—*

16 *(1) the National Environmental Policy Act of*
17 *1969 (42 U.S.C. 4321 et seq.);*

18 *(2) the Federal Water Pollution Control Act (33*
19 *U.S.C. 1251 et seq.); and*

20 *(3) the Endangered Species Act of 1973 (16*
21 *U.S.C. 1531 et seq.).*

1 **SEC. 1509. SURPLUS WATER CONTRACTS AND WATER STOR-**
 2 **AGE AGREEMENTS.**

3 *Section 1046(c) of the Water Resources Reform and*
 4 *Development Act of 2014 (128 Stat. 1254; 132 Stat. 3784)*
 5 *is amended—*

6 *(1) by striking paragraph (3); and*

7 *(2) by redesignating paragraph (4) as para-*
 8 *graph (3).*

9 **SEC. 1510. REDUCED PRICING FOR CERTAIN WATER SUPPLY**
 10 **STORAGE.**

11 *Section 322 of the Water Resources Development Act*
 12 *of 1990 (33 U.S.C. 2324) is amended—*

13 *(1) in subsection (b), by striking “2,000,000”*
 14 *and inserting “3,000,000”; and*

15 *(2) in subsection (g)—*

16 *(A) by striking the period at the end and*
 17 *inserting “; or”;*

18 *(B) by striking “means a community” and*
 19 *inserting the following: “means—*

20 *“(1) a community”; and*

21 *(C) by adding at the end the following:*

22 *“(2) a regional water system that serves a popu-*
 23 *lation of less than 100,000, for which the per capita*
 24 *income is less than the per capita income of not less*
 25 *than 50 percent of the counties in the United States.”.*

1 ***Subtitle F—Invasive Species***

2 ***SEC. 1601. DEFINITION OF INVASIVE SPECIES.***

3 *In this subtitle, the term “invasive species” has the*
 4 *meaning given the term in section 1 of Executive Order*
 5 *13112 (64 Fed. Reg. 6183; relating to invasive species (Feb-*
 6 *ruary 8, 1999)) (as amended by section 2 of Executive*
 7 *Order 13751 (81 Fed. Reg. 88609; relating to safeguarding*
 8 *the Nation from the impacts of invasive species (December*
 9 *5, 2016))).*

10 ***SEC. 1602. INVASIVE SPECIES IN IMPAIRED WATERS.***

11 *(a) IN GENERAL.—The Administrator of the Environ-*
 12 *mental Protection Agency (referred to in this section as the*
 13 *“Administrator”) may provide technical assistance to sup-*
 14 *port efforts for the early detection of and rapid response*
 15 *to aquatic invasive species, including eradication and con-*
 16 *trol measures, in waterways of the United States to—*

17 *(1) States;*

18 *(2) Indian Tribes; and*

19 *(3) units of local government.*

20 *(b) NO COST.—The technical assistance under sub-*
 21 *section (a) shall be provided at no cost to the entities de-*
 22 *scribed in that subsection.*

23 *(c) PRIORITIZATION.—In selecting efforts to which to*
 24 *provide technical assistance under subsection (a), the Ad-*
 25 *ministrator shall give priority to those efforts that target*

1 *an invasive species in a waterway that is identified by the*
 2 *applicable State under subparagraph (A) or (B) of section*
 3 *303(d)(1) of the Federal Water Pollution Control Act (33*
 4 *U.S.C. 1313(d)(1)).*

5 (d) *AUTHORIZATION OF APPROPRIATIONS.—There is*
 6 *authorized to be appropriated to carry out this section*
 7 *\$10,000,000, to remain available until expended.*

8 **SEC. 1603. AQUATIC INVASIVE SPECIES RESEARCH.**

9 *Section 1108 of the America’s Water Infrastructure*
 10 *Act of 2018 (33 U.S.C. 2263a) is amended—*

11 (1) *in subsection (a)—*

12 (A) *by striking “management” and insert-*
 13 *ing “prevention, management,”; and*

14 (B) *by inserting “, elodea, quagga mussels,”*
 15 *after “Asian carp”; and*

16 (2) *in subsection (b)—*

17 (A) *by inserting “or could be impacted in*
 18 *the future” after “impacted”; and*

19 (B) *by inserting “Arctic,” after “Pacific.”*

20 **SEC. 1604. INVASIVE SPECIES MITIGATION AND REDUC-**
 21 **TION.**

22 *Section 104 of the River and Harbor Act of 1958 (33*
 23 *U.S.C. 610) is amended—*

24 (1) *in subsection (b)—*

25 (A) *in paragraph (1)—*

1 (i) in the matter preceding subpara-
 2 graph (A), by striking “this section
 3 \$110,000,000” and inserting “this section
 4 (except for subsections (f) and (g))
 5 \$120,000,000”;

6 (ii) in subparagraph (B), by striking
 7 “and” at the end;

8 (iii) in subparagraph (C), by striking
 9 the period at the end and inserting “; and”;
 10 and

11 (iv) by adding at the end the following:

12 “(D) \$10,000,000 shall be made available to
 13 carry out subsection (d)(1)(A)(iv).”;

14 (B) by redesignating paragraph (2) as
 15 paragraph (3);

16 (C) by inserting after paragraph (1) the fol-
 17 lowing:

18 “(2) *OTHER PROGRAMS.*—

19 “(A) *IN GENERAL.*—There are authorized to
 20 be appropriated—

21 “(i) \$10,000,000 for each of fiscal
 22 years 2021 through 2024 to carry out sub-
 23 section (f); and

1 “(ii) \$50,000,000 for each of fiscal
2 years 2021 through 2024 to carry out sub-
3 section (g)(2).

4 “(B) *INVASIVE PLANT SPECIES PILOT PRO-*
5 *GRAM.*—There is authorized to be appropriated
6 to the Secretary of the Interior, acting through
7 the Director of the United States Fish and Wild-
8 life Service, \$10,000,000 to carry out subsection
9 (g)(3).”; and

10 (D) in paragraph (3) (as so redesignated),
11 by inserting “or (2)(A)” after “paragraph (1)”;
12 (2) in subsection (d)—

13 (A) in the subsection heading, by inserting
14 “AND DECONTAMINATION” after “INSPECTION”;

15 (B) in paragraph (1)—

16 (i) in subparagraph (A)—

17 (I) in the subparagraph heading,
18 by inserting “AND DECONTAMINATION”
19 after “INSPECTION”;

20 (II) in clause (ii), by striking
21 “and” at the end;

22 (III) in clause (iii), by striking
23 the period at the end and inserting “;
24 and”; and

1 (IV) by adding at the end the fol-
 2 lowing:

3 “(iv) to protect basins and watersheds
 4 that adjoin an international border between
 5 the United States and Canada.”; and

6 (ii) by striking subparagraph (B) and
 7 inserting the following:

8 “(B) LOCATIONS.—The Secretary shall
 9 place watercraft inspection and decontamination
 10 stations under subparagraph (A) at locations
 11 with the highest likelihood of preventing the
 12 spread of aquatic invasive species into and out
 13 of waters of the United States, as determined by
 14 the Secretary in consultation with the Governors
 15 and entities described in paragraph (3).”;

16 (C) in paragraph (3)(A), by striking “(iii)”
 17 and inserting “(iv)”; and

18 (D) by striking “watercraft inspection sta-
 19 tions” each place it appears and inserting
 20 “watercraft inspection and decontamination sta-
 21 tions”; and

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

23 “(f) INVASIVE SPECIES MANAGEMENT PILOT PRO-
 24 GRAM.—

1 “(1) *DEFINITION OF INVASIVE SPECIES.*—*In this*
2 *subsection, the term ‘invasive species’ has the meaning*
3 *given the term in section 1 of Executive Order 13112*
4 *(64 Fed. Reg. 6183; relating to invasive species (Feb-*
5 *ruary 8, 1999)) (as amended by section 2 of Execu-*
6 *tive Order 13751 (81 Fed. Reg. 88609; relating to*
7 *safeguarding the Nation from the impacts of invasive*
8 *species (December 5, 2016))).*

9 “(2) *DEVELOPMENT OF PLANS.*—*The Secretary,*
10 *in coordination with the Aquatic Nuisance Species*
11 *Task Force, shall carry out a pilot program under*
12 *which the Secretary shall collaborate with States in*
13 *the Upper Missouri River Basin in developing vol-*
14 *untary aquatic invasive species management plans to*
15 *mitigate the effects of invasive species on public infra-*
16 *structure facilities located on reservoirs of the Corps*
17 *of Engineers in those States.*

18 “(3) *MANAGEMENT PLAN.*—

19 “(A) *IN GENERAL.*—*The Secretary, in con-*
20 *sultation with the Governor of each State in the*
21 *Upper Missouri River Basin that elects to par-*
22 *ticipate in the pilot program, shall prepare a*
23 *management plan, or update or expand an exist-*
24 *ing plan, for each participating State that iden-*
25 *tifies public infrastructure facilities located on*

1 *reservoirs of the Corps of Engineers in those*
 2 *States that—*

3 “(i) *are affected by aquatic invasive*
 4 *species; and*

5 “(ii) *need financial and technical as-*
 6 *sistance in order to maintain operations.*

7 “(B) *USE OF EXISTING PLANS.—In devel-*
 8 *oping a management plan under subparagraph*
 9 *(A), the Secretary shall consider a management*
 10 *plan submitted by a participating State under*
 11 *section 1204(a) of the Nonindigenous Aquatic*
 12 *Nuisance Prevention and Control Act of 1990*
 13 *(16 U.S.C. 4724(a)).*

14 “(4) *TERMINATION OF AUTHORITY.—The author-*
 15 *ity provided under this subsection shall terminate on*
 16 *September 30, 2024.*

17 “(g) *INVASIVE SPECIES PREVENTION, CONTROL, AND*
 18 *ERADICATION.—*

19 “(1) *DEFINITION OF INVASIVE SPECIES.—In this*
 20 *subsection, the term ‘invasive species’ has the meaning*
 21 *given the term in section 1 of Executive Order 13112*
 22 *(64 Fed. Reg. 6183; relating to invasive species (Feb-*
 23 *ruary 8, 1999)) (as amended by section 2 of Execu-*
 24 *tive Order 13751 (81 Fed. Reg. 88609; relating to*

1 *safeguarding the Nation from the impacts of invasive*
 2 *species (December 5, 2016))).*

3 “(2) *INVASIVE SPECIES PARTNERSHIPS.*—

4 “(A) *IN GENERAL.*—*The Secretary may*
 5 *enter into partnerships with applicable States*
 6 *and other Federal agencies to carry out actions*
 7 *to prevent the introduction of, control, or eradi-*
 8 *cate, to the maximum extent practicable,*
 9 *invasive species that adversely impact water*
 10 *quantity or water quality in the Platte River*
 11 *Basin, the Upper Colorado River Basin, the*
 12 *Upper Snake River Basin, and the Upper Mis-*
 13 *souri River Basin.*

14 “(B) *PRIORITIZATION.*—*In selecting actions*
 15 *to carry out under a partnership under subpara-*
 16 *graph (A), the Secretary shall give priority to*
 17 *projects that are intended to control or eradicate*
 18 *the Russian olive (*Elaeagnus angustifolia*) or*
 19 *saltcedar (of the genus *Tamarix*).*

20 “(3) *INVASIVE PLANT SPECIES PILOT PRO-*
 21 *GRAM.*—

22 “(A) *DEFINITIONS.*—*In this paragraph:*

23 “(i) *ELIGIBLE ENTITY.*—*The term ‘eli-*
 24 *gible entity’ means a partnership between*
 25 *or among 2 or more entities that—*

1 “(I) includes—

2 “(aa) at least 1 flood control
3 district; and

4 “(bb) at least 1 city, county,
5 township, town, borough, parish,
6 village, or other general purpose
7 political subdivision of a State or
8 Indian tribe (as defined in section
9 4 of the Indian Self-Determina-
10 tion and Education Assistance
11 Act (25 U.S.C. 5304)); and

12 “(II) may include any other enti-
13 ty (such as a nonprofit organization or
14 institution of higher education), as de-
15 termined by the Secretary.

16 “(ii) *INVASIVE PLANT SPECIES*.—The
17 term ‘invasive plant species’ means a plant
18 that is nonnative to the ecosystem under
19 consideration, the introduction of which
20 causes or is likely to cause economic harm
21 or harm to human health.

22 “(iii) *SECRETARY*.—The term ‘Sec-
23 retary’ means the Secretary of the Interior,
24 acting through the Director of the United
25 States Fish and Wildlife Service.

1 “(B) *PILOT PROGRAM.*—*The Secretary shall*
2 *establish a pilot program under which the Sec-*
3 *retary shall work with eligible entities to carry*
4 *out activities—*

5 “(i) *to remove invasive plant species in*
6 *riparian areas that contribute to drought*
7 *conditions in—*

8 “(I) *the Lower Colorado River*
9 *Basin;*

10 “(II) *the Rio Grande River*
11 *Basin;*

12 “(III) *the Texas Gulf Coast*
13 *Basin; and*

14 “(IV) *the Arkansas-White-Red*
15 *Basin;*

16 “(ii) *where appropriate, to replace the*
17 *invasive plant species described in clause (i)*
18 *with ecologically suitable native species; and*

19 “(iii) *to maintain and monitor ripar-*
20 *ian areas in which activities are carried out*
21 *under clauses (i) and (ii).*

22 “(C) *REPORT TO CONGRESS.*—*Not later*
23 *than 18 months after the date of enactment of*
24 *this subsection, the Secretary shall submit to the*
25 *Committee on Environment and Public Works of*

1 *the Senate and the Committee on Transportation*
 2 *and Infrastructure of the House of Representa-*
 3 *tives a report describing the implementation of*
 4 *the pilot program.*

5 “(D) *TERMINATION OF AUTHORITY.*—*The*
 6 *authority provided under this paragraph shall*
 7 *terminate on September 30, 2024.*

8 “(4) *COST-SHARE.*—*The Federal share of an ac-*
 9 *tion carried out under a partnership under para-*
 10 *graph (2) or the pilot program under paragraph (3)*
 11 *shall not exceed 80 percent of the total cost of the ac-*
 12 *tion.”.*

13 **SEC. 1605. TERRESTRIAL NOXIOUS WEED CONTROL PILOT**
 14 **PROGRAM.**

15 (a) *IN GENERAL.*—*The Secretary shall carry out a*
 16 *pilot program, in consultation with the Federal Interagency*
 17 *Committee for the Management of Noxious and Exotic*
 18 *Weeds, to identify and develop new and improved strategies*
 19 *for terrestrial noxious weed control on Federal land under*
 20 *the jurisdiction of the Secretary.*

21 (b) *PARTNERSHIPS.*—*In carrying out the pilot pro-*
 22 *gram under subsection (a), the Secretary shall act in part-*
 23 *nership with such other individuals and entities as the Sec-*
 24 *retary determines to be appropriate.*

1 (c) *COOPERATIVE AGREEMENTS.*—*The Secretary may*
 2 *utilize cooperative agreements with county and State agen-*
 3 *cies for the implementation of the pilot program under sub-*
 4 *section (a).*

5 (d) *REPORT TO CONGRESS.*—*Not later than 2 years*
 6 *after the date of enactment of this Act, the Secretary shall*
 7 *provide to the Committee on Environment and Public*
 8 *Works of the Senate and the Committee on Transportation*
 9 *and Infrastructure of the House of Representatives a report*
 10 *describing the new and improved strategies developed*
 11 *through the pilot program under subsection (a).*

12 **SEC. 1606. INVASIVE SPECIES RISK ASSESSMENT,**
 13 **PRIORITIZATION, AND MANAGEMENT.**

14 *Section 528(f)(2) of the Water Resources Development*
 15 *Act of 1996 (110 Stat. 3771) is amended—*

16 (1) *by redesignating subparagraphs (I) and (J)*
 17 *as subparagraphs (J) and (K), respectively;*

18 (2) *by inserting after subparagraph (H) the fol-*
 19 *lowing:*

20 *“(I) shall, using existing amounts appro-*
 21 *priated to the Task Force, develop and update,*
 22 *as appropriate, a priority list of invasive species*
 23 *that—*

1 “(i) reflects an assessment of ecological
2 risk that the listed invasive species rep-
3 resent;

4 “(ii) includes populations of invasive
5 plants and animals that—

6 “(I) are significantly impacting
7 the structure and function of ecological
8 communities, native species, or habitat
9 within the South Florida ecosystem; or

10 “(II) demonstrate a strong poten-
11 tial to reduce, obscure, or otherwise
12 alter key indicators used to measure
13 Everglades restoration progress; and

14 “(iii) shall be used by the Task Force
15 and agencies and entities represented on the
16 Task Force to focus cooperative and collabo-
17 rative efforts—

18 “(I) to guide applied research;

19 “(II) to develop innovative strate-
20 gies and tools to facilitate improved
21 management, control, or eradication of
22 listed invasive species;

23 “(III) to implement specific man-
24 agement, control, or eradication activi-
25 ties at the appropriate periodicity and

1 *intensity necessary to reduce or neu-*
 2 *tralize the impacts of listed invasive*
 3 *species, including the use of qualified*
 4 *skilled volunteers when appropriate;*
 5 *and*

6 “(IV) to develop innovative strate-
 7 gies and tools to prevent future intro-
 8 ductions of nonnative species;”;

9 (3) in subparagraph (J) (as so redesignated), by
 10 striking “ecosystem” and inserting “ecosystem, in-
 11 cluding the activities described in subparagraph (I)”;
 12 and

13 (4) in clause (i) of subparagraph (K) (as so re-
 14 designated), by inserting “, including the priority list
 15 under subparagraph (I) and the activities described
 16 in that subparagraph” after “Task Force”.

17 **SEC. 1607. ASIAN CARP PREVENTION AND CONTROL PILOT**
 18 **PROGRAM.**

19 (a) *IN GENERAL.*—The Secretary shall carry out an
 20 Asian carp prevention and control pilot program (referred
 21 to in this section as the “pilot program”) to carry out
 22 projects to manage and prevent the spread of, reduce the
 23 population of, or eradicate Asian carp using innovative
 24 technologies, methods, and measures.

25 (b) *PROJECT SELECTION.*—

1 (1) *LOCATION.*—Each project under the pilot
2 program shall be carried out in a river system or res-
3 ervoir in which Asian carp populations are expand-
4 ing or have been documented.

5 (2) *LIMITATIONS.*—

6 (A) *IN GENERAL.*—Not later than Sep-
7 tember 30, 2024, the Secretary shall carry out
8 and complete not more than 20 projects under
9 the pilot program.

10 (B) *REQUIREMENT.*—Not fewer than 5 of
11 the projects under subparagraph (A) shall be car-
12 ried out at reservoirs of the Corps of Engineers
13 or the Tennessee Valley Authority that are lo-
14 cated in—

15 (i) the Cumberland River watershed; or

16 (ii) the Tennessee River watershed.

17 (3) *CONSULTATION.*—In selecting projects to
18 carry out under the pilot program, the Secretary shall
19 consult with—

20 (A) the Director of the U.S. Army Engineer
21 Research and Development Center;

22 (B) the Director of the United States Fish
23 and Wildlife Service;

24 (C) the Director of the United States Geo-
25 logical Survey;

1 (D) other applicable Federal, State, and
2 local agencies;

3 (E) the Mississippi Interstate Cooperative
4 Resource Association and associated sub-basin
5 partnerships of the Mississippi River;

6 (F) institutions of higher education; and

7 (G) relevant private organizations, includ-
8 ing nonprofit organizations.

9 (c) *TREATMENT OF UNSUCCESSFUL PROJECTS.*—If the
10 Secretary determines that a project carried out under this
11 section does not achieve the goals of the pilot program de-
12 scribed in subsection (a), the Secretary shall remove the
13 project.

14 (d) *COST-SHARE.*—

15 (1) *IN GENERAL.*—Subject to paragraphs (2) and
16 (3), the Federal share of the costs of a project carried
17 out under the pilot program shall be 80 percent.

18 (2) *OPERATION, MAINTENANCE, REHABILITATION,*
19 *AND REPAIR.*—After the completion of a project under
20 the pilot program, the Federal share of the costs for
21 operation, maintenance, rehabilitation, and repair of
22 the project shall be 100 percent.

23 (3) *FEDERAL RESPONSIBILITY.*—The Federal
24 share of the costs of the removal of a project under
25 subsection (c) shall be 100 percent.

1 (e) *REPORT*.—Not later than 2 years after the date of
 2 enactment of this Act, and 2 years thereafter, the Secretary
 3 shall submit to Congress a report describing the results of
 4 the pilot program, including an analysis of the effectiveness
 5 of the innovative technologies, methods, and measures used
 6 in projects of the pilot program at preventing the spread
 7 of, managing the spread of, reducing the population of, or
 8 eradicating Asian carp.

9 (f) *TRANSFER*.—The Secretary may transfer projects
 10 carried out under the pilot program at reservoirs of the Ten-
 11 nessee Valley Authority to the Tennessee Valley Authority.

12 (g) *AUTHORIZATION OF APPROPRIATIONS*.—There is
 13 authorized to be appropriated to carry out the pilot pro-
 14 gram \$35,000,000, to remain available until expended.

15 (h) *TERMINATION OF AUTHORITY*.—

16 (1) *IN GENERAL*.—Except as provided in para-
 17 graph (2), the authority provided under the pilot pro-
 18 gram shall terminate on September 30, 2024.

19 (2) *EXCEPTION*.—The authority under subsection
 20 (f) does not terminate on the date described in para-
 21 graph (1).

22 **SEC. 1608. AQUATIC INVASIVE SPECIES PREVENTION.**

23 Section 1039(b) of the Water Resources Reform and
 24 Development Act of 2014 (16 U.S.C. 4701 note; Public Law
 25 113–121) is amended—

1 (1) in paragraph (1)—

2 (A) in the paragraph heading, by striking
3 “UPPER MISSISSIPPI AND OHIO RIVER BASINS
4 AND TRIBUTARIES” and inserting “MISSISSIPPI
5 RIVER AND TRIBUTARIES, INCLUDING SUB-BASINS”;
6

7 (B) in subparagraph (A), by striking
8 “Upper Mississippi and Ohio River basins and
9 tributaries” and inserting “Mississippi River
10 and tributaries, including the 6 sub-basins of the
11 River,”; and

12 (C) in subparagraph (B), by striking “and
13 the document prepared” and all that follows
14 through “February 2012.” and inserting “the
15 Mississippi River Basin Asian Carp Control
16 Strategy Frameworks, and the Asian Carp Re-
17 gional Coordinating Committee’s Asian Carp
18 Action Plan.”; and

19 (2) in paragraph (2)—

20 (A) in subparagraph (A)—

21 (i) by striking “December 31 of each
22 year” and inserting “December 31, 2020,
23 and biennially thereafter”; and

24 (ii) by striking “Upper Mississippi
25 and Ohio River basins and tributaries” and

1 *inserting “Mississippi River and tribu-*
 2 *taries, including the 6 sub-basins of the*
 3 *River”;* and

4 *(B) in subparagraph (B)—*

5 *(i) in clause (i), by striking “Upper*
 6 *Mississippi and Ohio River basins and trib-*
 7 *utaries” and inserting “Mississippi River*
 8 *and tributaries, including the 6 sub-basins*
 9 *of the River,”;* and

10 *(ii) in clause (ii), by striking “Upper*
 11 *Mississippi and Ohio River basins and trib-*
 12 *utaries” and inserting “Mississippi River*
 13 *and tributaries, including the 6 sub-basins*
 14 *of the River”.*

15 **SEC. 1609. INVASIVE SPECIES IN ALPINE LAKES PILOT PRO-**
 16 **GRAM.**

17 *(a) ESTABLISHMENT.—The Secretary of the Interior,*
 18 *acting through the Director of the United States Fish and*
 19 *Wildlife Service (referred to in this section as the “Sec-*
 20 *retary”), shall establish a pilot program (referred to in this*
 21 *section as the “pilot program”) to develop and carry out*
 22 *effective measures necessary to prevent, control, or eradicate*
 23 *aquatic invasive species in alpine lakes that are not located*
 24 *within a unit of the National Park System.*

1 (b) *PARTNERSHIPS.*—*The Secretary shall offer to enter*
2 *into a partnership to carry out the pilot program with—*

3 (1) *any relevant partnering Federal agency; and*

4 (2) *any relevant compact agency organized with*
5 *the consent of Congress under the Interstate Compact*
6 *Clause of section 10 of article I of the Constitution of*
7 *the United States.*

8 (c) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*
9 *authorized to be appropriated to carry out the pilot pro-*
10 *gram \$25,000,000 for the period of fiscal years 2022*
11 *through 2024.*

12 **SEC. 1610. INVASIVE SPECIES IN NONCONTIGUOUS STATES**
13 **AND TERRITORIES PILOT PROGRAM.**

14 (a) *ESTABLISHMENT.*—*The Secretary of the Interior,*
15 *acting through the Director of the United States Fish and*
16 *Wildlife Service, shall establish a pilot program to carry*
17 *out measures necessary to prevent, control, or eradicate*
18 *invasive species in culturally significant forested water-*
19 *sheds in noncontiguous States and territories of the United*
20 *States in which the Secretary is carrying out flood risk re-*
21 *duction projects.*

22 (b) *IMPLEMENTATION.*—*The Secretary of the Interior,*
23 *acting through the Director of the United States Fish and*
24 *Wildlife Service, is encouraged to carry out the measures*
25 *described in subsection (a) in consultation with—*

1 (1) *States and units of local government, includ-*
 2 *ing Indian tribes and Native Hawaiian organizations*
 3 *(as those terms are defined in section 2 of the Native*
 4 *American Graves Protection and Repatriation Act*
 5 *(25 U.S.C. 3001)); and*

6 (2) *nonprofit organizations with knowledge and*
 7 *experience in forested watershed management.*

8 (c) *AUTHORIZATION OF APPROPRIATIONS.—There is*
 9 *authorized to be appropriated to carry out the pilot pro-*
 10 *gram under subsection (a) \$25,000,000 for the period of fis-*
 11 *cal years 2022 through 2024.*

12 ***TITLE II—CLEAN WATER***

13 ***SEC. 2001. CLEAN WATER INFRASTRUCTURE RESILIENCY*** 14 ***AND SUSTAINABILITY PROGRAM.***

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

18 ***“SEC. 222. CLEAN WATER INFRASTRUCTURE RESILIENCY*** 19 ***AND SUSTAINABILITY PROGRAM.***

20 *“(a) DEFINITIONS.—In this section:*

21 *“(1) ELIGIBLE ENTITY.—The term ‘eligible enti-*
 22 *ty’ means—*

23 *“(A) a municipality; or*

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

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

5 “(3) *PROGRAM.*—*The term ‘program’ means the*
6 *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.*

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

20 “(1) *the conservation of water;*

21 “(2) *the enhancement of water use efficiency;*

22 “(3) *the enhancement of wastewater and*
23 *stormwater management by increasing watershed*
24 *preservation and protection, including through the*
25 *use of—*

1 “(A) *natural and engineered green infra-*
2 *structure; and*

3 “(B) *reclamation and reuse of wastewater*
4 *and stormwater, such as aquifer recharge zones;*

5 “(4) *the modification or relocation of an existing*
6 *publicly owned treatment works that is at risk of*
7 *being significantly impaired or damaged by a nat-*
8 *ural hazard;*

9 “(5) *the development and implementation of*
10 *projects to increase the resilience of publicly owned*
11 *treatment works to a natural hazard; or*

12 “(6) *the enhancement of energy efficiency or the*
13 *use and generation of recovered or renewable energy*
14 *in the management, treatment, or conveyance of*
15 *wastewater or stormwater.*

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

21 “(1) *a proposal of the project to be planned, de-*
22 *signed, or constructed using funds under the program;*

23 “(2) *an identification of the natural hazard risk*
24 *to be addressed by the proposed project;*

1 “(3) documentation prepared by a Federal,
2 State, regional, or local government agency of the nat-
3 ural hazard risk of the area where the proposed
4 project is to be located;

5 “(4) a description of any recent natural hazard
6 events that have affected the publicly owned treatment
7 works;

8 “(5) a description of how the proposed project
9 would improve the performance of the publicly owned
10 treatment works under an anticipated natural haz-
11 ard; and

12 “(6) an explanation of how the proposed project
13 is expected to enhance the resilience of the publicly
14 owned treatment works to an anticipated natural
15 hazard.

16 “(e) GRANT AMOUNT AND OTHER FEDERAL REQUIRE-
17 MENTS.—

18 “(1) COST SHARE.—Except as provided in para-
19 graph (2), a grant under the program shall not exceed
20 75 percent of the total cost of the proposed project.

21 “(2) EXCEPTION.—

22 “(A) IN GENERAL.—Except as provided in
23 subparagraph (B), a grant under the program
24 shall not exceed 90 percent of the total cost of the

1 *proposed project if the project serves a commu-*
2 *nity that—*

3 *“(i) has a population of fewer than*
4 *10,000 individuals; or*

5 *“(ii) meets the affordability criteria es-*
6 *tablished by the State in which the commu-*
7 *nity is located under section 603(i)(2).*

8 *“(B) WAIVER.—At the discretion of the Ad-*
9 *ministrator, a grant for a project described in*
10 *subparagraph (A) may cover 100 percent of the*
11 *total cost of the proposed project.*

12 *“(3) REQUIREMENTS.—The requirements of sec-*
13 *tion 608 shall apply to a project funded with a grant*
14 *under the program.*

15 *“(f) AUTHORIZATION OF APPROPRIATIONS.—*

16 *“(1) IN GENERAL.—There is authorized to be ap-*
17 *propriated to carry out this section \$15,000,000 for*
18 *each of fiscal years 2021 through 2024.*

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

1 **SEC. 2002. INCREASED FUNDING FOR TECHNICAL ASSIST-**
 2 **ANCE.**

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

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

6 *and*

7 *(2) in paragraph (7)—*

8 *(A) by striking “2023” and inserting*

9 *“2020”; and*

10 *(B) by striking the period at the end and*

11 *inserting “; and (8) not to exceed \$75,000,000*

12 *for each of fiscal years 2021 through 2024 for*

13 *carrying out subsections (b)(3), (b)(8), and (g),*

14 *of which not less than \$50,000,000 each year*

15 *shall be used to carry out subsection (b)(8).”.*

16 **SEC. 2003. SMALL AND MEDIUM PUBLICLY OWNED TREAT-**
 17 **MENT WORKS CIRCUIT RIDER PROGRAM.**

18 *Title II of the Federal Water Pollution Control Act (33*

19 *U.S.C. 1281 et seq.) (as amended by section 2001) is*

20 *amended by adding at the end the following:*

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

23 *“(a) ESTABLISHMENT.—Subject to the availability of*

24 *appropriations, not later than 180 days after the date of*

25 *enactment of this section, the Administrator shall establish*

26 *a circuit rider program (referred to in this section as the*

1 ‘circuit rider program’) under which the Administrator
 2 shall award grants to qualified nonprofit entities, as deter-
 3 mined by the Administrator, to provide assistance to owners
 4 and operators of small and medium publicly owned treat-
 5 ment works to carry out the activities described in section
 6 602(b)(13).

7 “(b) *LIMITATION*.—A grant provided under the circuit
 8 rider program shall be in an amount that is not more than
 9 \$75,000.

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

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

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

18 “(d) *AUTHORIZATION OF APPROPRIATIONS*.—

19 “(1) *IN GENERAL*.—There is authorized to be ap-
 20 propriated to carry out this section \$10,000,000 for
 21 the period of fiscal years 2021 through 2024.

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

1 **SEC. 2004. SMALL PUBLICLY OWNED TREATMENT WORKS**
 2 **EFFICIENCY GRANT PROGRAM.**

3 *Title II of the Federal Water Pollution Control Act (33*
 4 *U.S.C. 1281 et seq.) (as amended by section 2003) is*
 5 *amended by adding at the end the following:*

6 **“SEC. 224. SMALL PUBLICLY OWNED TREATMENT WORKS**
 7 **EFFICIENCY GRANT PROGRAM.**

8 *“(a) ESTABLISHMENT.—Subject to the availability of*
 9 *appropriations, not later than 180 days after the date of*
 10 *enactment of this section, the Administrator shall establish*
 11 *an efficiency grant program (referred to in this section as*
 12 *the ‘efficiency grant program’) under which the Adminis-*
 13 *trator shall award grants to eligible entities for the replace-*
 14 *ment or repair of equipment that improves water or energy*
 15 *efficiency of small publicly owned treatment works, as iden-*
 16 *tified in an efficiency audit.*

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

21 *“(1) a population of not more than 10,000 peo-*
 22 *ple; or*

23 *“(2) a disadvantaged community.*

24 *“(c) REPORT.—Not later than 180 days after the date*
 25 *on which the Administrator establishes the efficiency grant*

1 program, and every 180 days thereafter, the Administrator
 2 shall submit to Congress a report describing—

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

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

7 “(d) *AUTHORIZATION OF APPROPRIATIONS.*—

8 “(1) *IN GENERAL.*—There is authorized to be ap-
 9 propriated to carry out this section \$5,000,000 for
 10 each of fiscal years 2021 through 2024, to remain
 11 available until expended.

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

16 **SEC. 2005. WASTEWATER EFFICIENCY GRANT PILOT PRO-**
 17 **GRAM.**

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

19 (1) *ADMINISTRATOR.*—The term “Adminis-
 20 trator” means the Administrator of the Environ-
 21 mental Protection Agency.

22 (2) *PILOT PROGRAM.*—The term “pilot program”
 23 means the wastewater efficiency grant pilot program
 24 established under subsection (b).

1 (3) *TREATMENT WORKS.*—*The term “treatment*
2 *works” has the meaning given the term in section 212*
3 *of the Federal Water Pollution Control Act (33 U.S.C.*
4 *1292).*

5 (b) *ESTABLISHMENT.*—*Subject to the availability of*
6 *appropriations, the Administrator shall establish a waste-*
7 *water efficiency grant pilot program to award grants to*
8 *owners or operators of publicly owned treatment works to*
9 *carry out projects that create or improve waste-to-energy*
10 *systems.*

11 (c) *SELECTION.*—

12 (1) *APPLICATIONS.*—*To be eligible to receive a*
13 *grant under the pilot program, an owner or operator*
14 *of a treatment works shall submit to the Adminis-*
15 *trator an application at such time, in such manner,*
16 *and containing such information as the Adminis-*
17 *trator may require.*

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

22 (d) *USE OF FUNDS.*—

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

- 1 (A) *sludge collection;*
2 (B) *installation of anaerobic digesters;*
3 (C) *methane capture;*
4 (D) *methane transfer;*
5 (E) *facility upgrades and retrofits necessary*
6 *to create or improve waste-to-energy systems;*
7 *and*
8 (F) *other new and emerging, but proven,*
9 *technologies that transform waste to energy.*

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

12 (e) *REPORTS.*—

13 (1) *REPORT TO THE ADMINISTRATOR.*—Not later
14 than 1 year after receiving a grant under the pilot
15 program and each year thereafter for which amounts
16 are made available for the pilot program under sub-
17 section (f), the recipient of the grant shall submit to
18 the Administrator a report describing the impact of
19 that project on the communities within 3 miles of the
20 treatment works.

21 (2) *REPORT TO CONGRESS.*—Not later than 1
22 year after first awarding grants under the pilot pro-
23 gram and each year thereafter for which amounts are
24 made available for the pilot program under subsection

1 (f), the Administrator shall submit to Congress a re-
 2 port describing—

3 (A) the applications received by the Admin-
 4 istrator for grants under the pilot program; and

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

7 (f) *AUTHORIZATION OF APPROPRIATIONS.*—

8 (1) *IN GENERAL.*—There is authorized to be ap-
 9 propriated to carry out the pilot program
 10 \$17,500,000 for each of fiscal years 2021 and 2022,
 11 to remain available until expended.

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

16 **SEC. 2006. PILOT PROGRAM FOR ALTERNATIVE WATER**
 17 **SOURCE PROJECTS.**

18 Section 220 of the Federal Water Pollution Control Act
 19 (33 U.S.C. 1300) is amended—

20 (1) in subsection (b), in the heading, by striking
 21 “IN GENERAL” and inserting “ESTABLISHMENT”;

22 (2) in subsection (d)—

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

24 (B) by redesignating paragraph (3) as
 25 paragraph (2);

1 (3) *by striking subsection (e);*

2 (4) *in subsection (i)—*

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

6 (B) *in paragraph (1), in the first sentence,*
 7 *by striking “water or wastewater or by treating*
 8 *wastewater” and inserting “water, wastewater,*
 9 *or stormwater or by treating wastewater or*
 10 *stormwater”;*

11 (5) *in subsection (j)—*

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

14 *“(1) IN GENERAL.—There is”;*

15 (B) *in paragraph (1) (as so designated), by*
 16 *striking “a total of \$75,000,000 for fiscal years*
 17 *2002 through 2004. Such sums shall” and insert-*
 18 *ing “\$25,000,000 for each of fiscal years 2022*
 19 *through 2024, to”;* *and*

20 (C) *by adding at the end the following:*

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.”; and*

1 (6) by redesignating subsections (b), (c), (d), (i),
 2 and (j) as subsections (c), (d), (e), (b), and (i), respec-
 3 tively, and moving those subsections so as to appear
 4 in alphabetical order.

5 **SEC. 2007. SEWER OVERFLOW AND STORMWATER REUSE**
 6 **MUNICIPAL GRANTS.**

7 Section 221 of the Federal Water Pollution Control Act
 8 (33 U.S.C. 1301) is amended—

9 (1) in subsection (a)(1) —

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

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

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

16 “(B) notification systems to inform the pub-
 17 lic of combined sewer or sanitary overflows that
 18 result in sewage being released into rivers and
 19 other waters; and”; and

20 (2) in subsection (f)—

21 (A) in paragraph (1)—

22 (i) by striking “There is” and insert-
 23 ing “There are”;

24 (ii) by striking the period at the end
 25 and inserting “; and”;

1 (iii) by striking “this section
2 \$225,000,000” and inserting the following:

3 “this section—

4 “(A) \$225,000,000”; and

5 (iv) by adding at the end the following:

6 “(B) \$250,000,000 for each of fiscal years
7 2021 and 2022.”; and

8 (B) in paragraph (2)—

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

11 “(A) *GREEN INFRASTRUCTURE*.—To the ex-
12 tent”; and

13 (ii) by adding at the end the following:

14 “(B) *RURAL ALLOCATION*.—

15 “(i) *DEFINITION OF RURAL AREA*.—In
16 this subparagraph, the term ‘rural area’
17 means a city, town, or unincorporated area
18 that has a population of not more than
19 10,000 inhabitants.

20 “(ii) *ALLOCATION*.—To the extent there
21 are sufficient eligible project applications,
22 the Administrator shall ensure that a State
23 uses not less than 15 percent of the amount
24 of the grants made to the State under sub-
25 section (a) in a fiscal year to carry out

1 *projects in rural areas for the purpose of*
 2 *planning, design, and construction of—*

3 *“(I) treatment works to intercept,*
 4 *transport, control, treat, or reuse mu-*
 5 *nicipal sewer overflows, sanitary sewer*
 6 *overflows, or stormwater; or*

7 *“(II) any other measures to man-*
 8 *age, reduce, treat, or recapture*
 9 *stormwater or subsurface drainage*
 10 *water eligible for assistance under sec-*
 11 *tion 603(c).”.*

12 **SEC. 2008. WATER INFRASTRUCTURE AND WORKFORCE IN-**
 13 **VESTMENT.**

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

16 *(1) in subsection (a)(3)(B), by inserting “and*
 17 *public works departments and agencies” after “orga-*
 18 *nizations”;*

19 *(2) in subsection (b)—*

20 *(A) in paragraph (2)—*

21 *(i) in the matter preceding subpara-*
 22 *graph (A), by striking “institutions—” and*
 23 *inserting “institutions, or public works de-*
 24 *partments and agencies—”; and*

1 (ii) in subparagraph (A)(ii), by insert-
 2 ing “for entities that are not public works
 3 departments and agencies,” before “work-
 4 ing”; and

5 (B) in paragraph (4), by striking
 6 “\$1,000,000 for each of fiscal years 2019 and
 7 2020” and inserting “\$2,000,000 for each of fis-
 8 cal years 2021 through 2024”;

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

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

13 “(a) *DEFINITION OF PUBLIC WORKS DEPARTMENT OR*
 14 *AGENCY.—In this section, the term ‘public works depart-*
 15 *ment or agency’ means a political subdivision of a local,*
 16 *county, or regional government that designs, builds, oper-*
 17 *ates, and maintains water infrastructure, sewage and refuse*
 18 *disposal systems, and other public water systems and facili-*
 19 *ties.’”.*

20 **SEC. 2009. WATER RESOURCES RESEARCH ACT AMEND-**
 21 **MENTS.**

22 (a) *CLARIFICATION OF RESEARCH ACTIVITIES.—Sec-*
 23 *tion 104(b)(1) of the Water Resources Research Act of 1984*
 24 *(42 U.S.C. 10303(b)(1)) is amended—*

1 (1) in subparagraph (B)(ii), by striking “water-
 2 related phenomena” and inserting “water resources”;
 3 and

4 (2) in subparagraph (D), by striking the period
 5 at the end and inserting “; and”.

6 (b) COMPLIANCE REPORT.—Section 104 of the Water
 7 Resources Research Act of 1984 (42 U.S.C. 10303) is
 8 amended by striking subsection (c) and inserting the fol-
 9 lowing:

10 “(c) GRANTS.—

11 “(1) IN GENERAL.—From the sums appropriated
 12 pursuant to subsection (f) of this section, the Sec-
 13 retary shall make grants to each institute to be
 14 matched on a basis of no less than 1 non-Federal dol-
 15 lar for every 1 Federal dollar.

16 “(2) REPORT.—Not later than December 31 of
 17 each fiscal year, the Secretary shall submit to the
 18 Committee on Environment and Public Works of the
 19 Senate, the Committee on the Budget of the Senate,
 20 the Committee on Transportation and Infrastructure
 21 of the House of Representatives, and the Committee
 22 on the Budget of the House of Representatives a re-
 23 port regarding the compliance of each funding recipi-
 24 ent with this subsection for the immediately preceding
 25 fiscal year.”.

1 (c) *EVALUATION OF WATER RESOURCES RESEARCH*
2 *PROGRAM.*—Section 104 of the Water Resources Research
3 Act of 1984 (42 U.S.C. 10303) is amended by striking sub-
4 section (e) and inserting the following:

5 “(e) *EVALUATION OF WATER RESOURCES RESEARCH*
6 *PROGRAM.*—

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

10 “(A) the quality and relevance of the water
11 resources research of the institute;

12 “(B) the effectiveness of the institute at pro-
13 ducing measured results and applied water sup-
14 ply research; and

15 “(C) whether the effectiveness of the institute
16 as an institution for planning, conducting, and
17 arranging for research warrants continued sup-
18 port under this section.

19 “(2) *PROHIBITION ON FURTHER SUPPORT.*—If,
20 as a result of an evaluation under paragraph (1), the
21 Secretary determines that an institute does not qual-
22 ify for further support under this section, no further
23 grants to the institute may be provided until the
24 qualifications of the institute are reestablished to the
25 satisfaction of the Secretary.”.

1 (d) *AUTHORIZATION OF APPROPRIATIONS.*—Section
 2 104(f)(1) of the Water Resources Research Act of 1984 (42
 3 U.S.C. 10303(f)(1)) is amended by striking “\$12,000,000
 4 for each of fiscal years 2007 through 2011” and inserting
 5 “\$8,250,000 for each of fiscal years 2021 through 2024”.

6 (e) *ADDITIONAL APPROPRIATIONS WHERE RESEARCH*
 7 *FOCUSED ON WATER PROBLEMS OF INTERSTATE NA-*
 8 *TURE.*—Section 104(g)(1) of the Water Resources Research
 9 Act of 1984 (42 U.S.C. 10303(g)(1)) is amended in the first
 10 sentence by striking “\$6,000,000 for each of fiscal years
 11 2007 through 2011” and inserting “\$1,750,000 for each of
 12 fiscal years 2021 through 2024”.

13 **SEC. 2010. GRANTS FOR CONSTRUCTION, REFURBISHING,**
 14 **AND SERVICING OF INDIVIDUAL HOUSEHOLD**
 15 **DECENTRALIZED WASTEWATER SYSTEMS FOR**
 16 **INDIVIDUALS WITH LOW OR MODERATE IN-**
 17 **COME.**

18 *Title II of the Federal Water Pollution Control Act (33*
 19 *U.S.C. 1281 et seq.) (as amended by section 2004) is*
 20 *amended by adding at the end the following:*

1 **“SEC. 225. GRANTS FOR CONSTRUCTION, REFURBISHING,**
 2 **AND SERVICING OF INDIVIDUAL HOUSEHOLD**
 3 **DECENTRALIZED WASTEWATER SYSTEMS FOR**
 4 **INDIVIDUALS WITH LOW OR MODERATE IN-**
 5 **COME.**

6 “(a) *DEFINITION OF ELIGIBLE INDIVIDUAL.*—In this
 7 section, the term ‘eligible individual’ means a member of
 8 a household, the members of which have a combined income
 9 (for the most recent 12-month period for which information
 10 is available) equal to not more than 50 percent of the me-
 11 dian nonmetropolitan household income for the State or ter-
 12 ritory in which the household is located, according to the
 13 most recent decennial census.

14 “(b) *GRANT PROGRAM.*—

15 “(1) *IN GENERAL.*—Subject to the availability of
 16 appropriations, the Administrator shall establish a
 17 program under which the Administrator shall provide
 18 grants to private nonprofit organizations for the pur-
 19 pose of providing assistance to eligible individuals—

20 “(A) *for the construction, repair, or replace-*
 21 *ment of an individual household decentralized*
 22 *wastewater treatment system;*

23 “(B) *if the eligible individual resides in a*
 24 *household that could be cost-effectively connected*
 25 *to an available publicly owned treatment works,*
 26 *for the connection of the household of the eligible*

1 *individual to the publicly owned treatment*
2 *works; or*

3 “(C) *for the installation of a larger decen-*
4 *tralized wastewater system designed to provide*
5 *treatment for 2 or more households in which eli-*
6 *gible individuals reside, if—*

7 “(i) *site conditions at the households*
8 *are unsuitable for the installation of an in-*
9 *dividually owned decentralized wastewater*
10 *system;*

11 “(ii) *multiple examples of unsuitable*
12 *site conditions exist in close geographic*
13 *proximity to each other; and*

14 “(iii) *a larger decentralized wastewater*
15 *system could be cost-effectively installed.*

16 “(2) *APPLICATION.—To be eligible to receive a*
17 *grant under this subsection, a private nonprofit orga-*
18 *nization shall submit to the Administrator an appli-*
19 *cation at such time, in such manner, and containing*
20 *such information as the Administrator determines to*
21 *be appropriate.*

22 “(3) *PRIORITY.—In awarding grants under this*
23 *subsection, the Administrator shall give priority to*
24 *applicants that have substantial expertise and experi-*

1 *ence in promoting the safe and effective use of indi-*
2 *vidual household decentralized wastewater systems.*

3 “(4) *ADMINISTRATIVE EXPENSES.*—*A private*
4 *nonprofit organization may use amounts provided*
5 *under this subsection to pay the administrative ex-*
6 *penses associated with the provision of the services de-*
7 *scribed in paragraph (1), as the Administrator deter-*
8 *mines to be appropriate.*

9 “(c) *ASSISTANCE.*—

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

14 “(2) *APPLICATION.*—*To be eligible to receive the*
15 *services described in subsection (b)(1), an eligible in-*
16 *dividual shall submit to the private nonprofit organi-*
17 *zation serving the area in which the individual house-*
18 *hold decentralized wastewater system of the eligible*
19 *individuals is, or is proposed to be, located an appli-*
20 *cation at such time, in such manner, and containing*
21 *such information as the private nonprofit organiza-*
22 *tion determines to be appropriate.*

23 “(3) *PRIORITY.*—*In awarding assistance under*
24 *this subsection, a private nonprofit organization shall*

1 *give priority to any eligible individual who does not*
 2 *have access to a sanitary sewage disposal system.*

3 “(d) *REPORT.—Not later than 2 years after the date*
 4 *of enactment of this section, the Administrator shall submit*
 5 *to the Committee on Environment and Public Works of the*
 6 *Senate and the Committee on Transportation and Infra-*
 7 *structure of the House of Representatives a report describing*
 8 *the recipients of grants under the program under this sec-*
 9 *tion and the results of the program under this section.*

10 “(e) *AUTHORIZATION OF APPROPRIATIONS.—*

11 “(1) *IN GENERAL.—There is authorized to be ap-*
 12 *propriated to the Administrator to carry out this sec-*
 13 *tion \$50,000,000 for each of fiscal years 2021 and*
 14 *2022.*

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

19 **SEC. 2011. CONNECTION TO PUBLICLY OWNED TREATMENT**
 20 **WORKS.**

21 *Title II of the Federal Water Pollution Control Act (33*
 22 *U.S.C. 1281 et seq.) (as amended by section 2010) is*
 23 *amended by adding at the end the following:*

1 **“SEC. 226. CONNECTION TO PUBLICLY OWNED TREATMENT**
 2 **WORKS.**

3 “(a) *DEFINITIONS.—In this section:*

4 “(1) *ELIGIBLE ENTITY.—The term ‘eligible enti-*
 5 *ty’ means—*

6 “(A) *an owner or operator of a publicly*
 7 *owned treatment works that assists or is seeking*
 8 *to assist individuals with connecting the house-*
 9 *hold of the individual to the publicly owned*
 10 *treatment works; or*

11 “(B) *a nonprofit entity that assists individ-*
 12 *uals with the costs associated with connecting the*
 13 *household of the individual to a publicly owned*
 14 *treatment works.*

15 “(2) *PROGRAM.—The term ‘program’ means the*
 16 *competitive grant program established under sub-*
 17 *section (b).*

18 “(3) *QUALIFIED INDIVIDUAL.—The term ‘quali-*
 19 *fied individual’ has the meaning given the term ‘eligi-*
 20 *ble individual’ in section 603(j).*

21 “(b) *ESTABLISHMENT.—Subject to the availability of*
 22 *appropriations, the Administrator shall establish a com-*
 23 *petitive grant program under which the Administrator*
 24 *awards grants to eligible entities to provide funds to assist*
 25 *qualified individuals in covering the costs incurred by the*

1 *qualified individual in connecting the household of the*
2 *qualified individual to a publicly owned treatment works.*

3 “(c) *APPLICATION.*—

4 “(1) *IN GENERAL.*—*An eligible entity seeking a*
5 *grant under the program shall submit to the Admin-*
6 *istrator an application at such time, in such manner,*
7 *and containing such information as the Adminis-*
8 *trator may by regulation require.*

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

15 “(d) *SELECTION CRITERIA.*—*In selecting recipients of*
16 *grants under the program, the Administrator shall use the*
17 *following criteria:*

18 “(1) *Whether the eligible entity seeking a grant*
19 *provides services to, or works directly with, qualified*
20 *individuals.*

21 “(2) *Whether the eligible entity seeking a*
22 *grant—*

23 “(A) *has an existing program to assist in*
24 *covering the costs incurred in connecting a*

1 *household to a publicly owned treatment works;*
 2 *or*

3 *“(B) seeks to create a program described in*
 4 *subparagraph (A).*

5 “(e) *REQUIREMENTS.*—

6 “(1) *VOLUNTARY CONNECTION.*—*Before pro-*
 7 *viding funds to a qualified individual for the costs de-*
 8 *scribed in subsection (b), an eligible entity shall en-*
 9 *sure that—*

10 *“(A) the qualified individual has connected*
 11 *to the publicly owned treatment works volun-*
 12 *tarily; and*

13 *“(B) if the eligible entity is not the owner*
 14 *or operator of the publicly owned treatment*
 15 *works to which the qualified individual has con-*
 16 *nected, the publicly owned treatment works to*
 17 *which the qualified individual has connected has*
 18 *agreed to the connection.*

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

1 “(A) *reducing the amount otherwise owed*
 2 *by the qualified individual to the owner or oper-*
 3 *ator for wastewater or other services provided by*
 4 *the owner or operator; or*

5 “(B) *providing a direct payment to the*
 6 *qualified individual.*

7 “(f) *AUTHORIZATION OF APPROPRIATIONS.—*

8 “(1) *IN GENERAL.—There is authorized to be ap-*
 9 *propriated to carry out the program \$40,000,000 for*
 10 *each of fiscal years 2021 and 2022.*

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

15 **SEC. 2012. USE OF CLEAN WATER STATE REVOLVING LOAN**
 16 **FUNDS.**

17 “(a) *IN GENERAL.—Section 603 of the Federal Water*
 18 *Pollution Control Act (33 U.S.C. 1383) is amended—*

19 (1) *in subsection (d), in the matter preceding*
 20 *paragraph (1), by inserting “and provided in sub-*
 21 *section (l)” after “State law”; and*

22 (2) *by adding at the end the following:*

23 “(k) *REQUIRED SUBSIDIES.—*

24 “(1) *IN GENERAL.—Notwithstanding any other*
 25 *provision of this title, to the extent that there are suf-*

1 *ficient applications from eligible recipients, and sub-*
 2 *ject to paragraph (3), a State shall use not less than*
 3 *10 percent of a capitalization grant to the State*
 4 *under this title to provide the additional subsidies de-*
 5 *scribed in paragraph (2) to eligible recipients under*
 6 *subsection (d) if the additional subsidies described in*
 7 *that paragraph are used—*

8 *“(A) as initial financing for the eligible re-*
 9 *cipient; or*

10 *“(B) to buy, refinance, restructure, or for-*
 11 *give the debt obligations of the eligible recipient,*
 12 *if the debt obligation was incurred on or after*
 13 *the date of enactment of this subsection.*

14 *“(2) ADDITIONAL SUBSIDIES DESCRIBED.—The*
 15 *additional subsidies referred to in paragraph (1)*
 16 *are—*

17 *“(A) forgiveness of principal of loans owed*
 18 *to the State water pollution control revolving*
 19 *fund of the State;*

20 *“(B) negative interest loans;*

21 *“(C) grants; or*

22 *“(D) a combination of the subsidies de-*
 23 *scribed in subparagraphs (A) through (C).*

24 *“(3) APPLICABILITY.—The authority of a State*
 25 *to provide additional subsidization under this sub-*

1 *section shall apply to amounts received by the State*
 2 *in capitalization grants under this title for fiscal*
 3 *years beginning after September 30, 2020.*

4 *“(l) ADDITIONAL USE OF FUNDS.—A State may use*
 5 *an additional 2 percent of the funds annually allotted to*
 6 *each State under this section for nonprofit organizations*
 7 *(as defined in section 104(w)) to provide technical assist-*
 8 *ance to rural, small, and tribal publicly owned treatment*
 9 *works (within the meaning of section 104(b)(8)(B)) in the*
 10 *State.”.*

11 *(b) TECHNICAL AMENDMENT.—Section 104(w) of the*
 12 *Federal Water Pollution Control Act (33 U.S.C. 1254(w))*
 13 *is amended by striking “treatments works” and inserting*
 14 *“treatment works”.*

15 **SEC. 2013. WATER DATA SHARING PILOT PROGRAM.**

16 *(a) ESTABLISHMENT.—*

17 *(1) IN GENERAL.—Subject to the availability of*
 18 *appropriations, the Administrator of the Environ-*
 19 *mental Protection Agency (referred to in this section*
 20 *as the “Administrator”) shall establish a competitive*
 21 *grant pilot program (referred to in this section as the*
 22 *“pilot program”) under which the Administrator may*
 23 *award grants to eligible entities under subsection (b)*
 24 *to establish systems that improve the sharing of infor-*
 25 *mation concerning water quality, water infrastruc-*

1 *ture needs, and water technology between States or*
 2 *among counties and other units of local government*
 3 *within a State, which may include—*

4 *(A) establishing a website or data hub to ex-*
 5 *change water data, including data on water*
 6 *quality or water technology, including new and*
 7 *emerging, but proven, water technology; and*

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

10 *(2) REQUIREMENTS.—*

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

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

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

23 *(1) a State, county, or other unit of local govern-*
 24 *ment that—*

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

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

5 (C) has significant individual water infra-
6 structure deficits; or

7 (2) a regional consortium established under sub-
8 section (d).

9 (c) *APPLICATIONS.*—To be eligible to receive a grant
10 under the pilot program, an eligible entity under subsection
11 (b) shall submit to the Administrator an application at
12 such time, in such manner, and containing such informa-
13 tion as the Administrator may require.

14 (d) *REGIONAL CONSORTIA.*—

15 (1) *ESTABLISHMENT.*—States may establish re-
16 gional consortia in accordance with this subsection.

17 (2) *REQUIREMENTS.*—A regional consortium es-
18 tablished under paragraph (1) shall—

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

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

24 (ii) to share information, protocols,
25 and procedures with respect to projects that

1 *evaluate, demonstrate, or install new and*
2 *emerging, but proven, water technology;*

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, in*
10 *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 regional*
14 *intended use plan of a regional consortium established*
15 *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 paragraph*
19 *(2)(B); and*

20 *(B) may include—*

21 *(i) projects included in an intended use*
22 *plan of a State prepared under section*
23 *606(c) of the Federal Water Pollution Con-*
24 *trol Act (33 U.S.C. 1386(c)) within the re-*
25 *gional 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)) within
 5 the regional consortium.

6 (e) *FUNDING.*—

7 (1) *AUTHORIZATION OF APPROPRIATIONS.*—
 8 There is authorized to be appropriated to carry out
 9 the pilot program \$15,000,000 for each of fiscal years
 10 2022 through 2024, to remain available until ex-
 11 pended.

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

16 **SEC. 2014. WATER INFRASTRUCTURE FINANCING REAU-**
 17 **THORIZATION.**

18 (a) *APPLICATIONS.*—Section 5023 of the Water Infra-
 19 structure Finance and Innovation Act of 2014 (33 U.S.C.
 20 3902) is amended by adding at the end the following:

21 “(c) *BUDGETARY TREATMENT.*—If the recipient of fi-
 22 nancial assistance under this subtitle is an eligible entity
 23 other than a Federal entity, agency, or instrumentality and
 24 the dedicated sources of repayment of that financial assist-
 25 ance are non-Federal revenue sources, the project or asset

1 *for which financial assistance is being provided shall, for*
 2 *purposes of budgetary treatment under the Federal Credit*
 3 *Reform Act of 1990 (2 U.S.C. 661 et seq.)—*

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

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

7 **(b) FUNDING.**—*Section 5033 of the Water Infrastruc-*
 8 *ture Finance and Innovation Act of 2014 (33 U.S.C. 3912)*
 9 *is amended—*

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

12 “(3) *FISCAL YEARS 2022 THROUGH 2024.*—*There*
 13 *is authorized to be appropriated to the Administrator*
 14 *to carry out this subtitle \$50,000,000 for each of fiscal*
 15 *years 2022 through 2024, to remain available until*
 16 *expended.”;*

17 (2) *in subsection (b)(2)—*

18 (A) *in the paragraph heading, by striking*

19 “*2020 AND 2021*” *and inserting “AFTER 2019”; and*

20 (B) *by striking “2020 and 2021” and in-*
 21 *serting “2022 through 2024”; and*

22 (3) *in subsection (e)(1), by striking “2020 and*
 23 *2021” and inserting “2022 through 2024”.*

1 **SEC. 2015. FINAL RATING OPINION LETTERS.**

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

8 **SEC. 2016. REAUTHORIZATION OF CLEAN WATER STATE RE-**
9 **VOLVING FUNDS.**

10 Section 607 of the Federal Water Pollution Control Act
11 (33 U.S.C. 1387) is amended—

12 (1) in the matter preceding paragraph (1), by
13 striking “There is” and inserting “There are”; and
14 (2) by striking paragraphs (1) through (5) and
15 inserting the following:

16 “(1) \$2,000,000,000 for fiscal year 2022;

17 “(2) \$2,500,000,000 for fiscal year 2023; and

18 “(3) \$3,000,000,000 for fiscal year 2024.”.

19 **SEC. 2017. WASTEWATER INFRASTRUCTURE DISCRE-**
20 **TIONARY GRANT PROGRAM.**

21 (a) *ESTABLISHMENT.*—Subject to the availability of
22 appropriations, not later than 1 year after the date of en-
23 actment of this Act, the Administrator of the Environ-
24 mental Protection Agency (referred to in this section as the
25 “Administrator”) shall establish a wastewater discretionary
26 grant program (referred to in this section as the “pro-

1 *gram”) to provide grants, on a competitive basis, to eligible*
 2 *entities described in subsection (b) for investments in waste-*
 3 *water infrastructure projects.*

4 *(b) ELIGIBLE ENTITIES.—An entity eligible to receive*
 5 *a grant under the program is—*

6 *(1) a Federal, State, interstate, intermunicipal,*
 7 *or local governmental entity, agency, or instrumen-*
 8 *tality;*

9 *(2) a Tribal government or consortium of Tribal*
 10 *governments;*

11 *(3) a State infrastructure financing authority;*
 12 *and*

13 *(4) a publicly owned treatment works (as defined*
 14 *in section 212 of the Federal Water Pollution Control*
 15 *Act (33 U.S.C. 1292)).*

16 *(c) ELIGIBLE PROJECTS.—*

17 *(1) IN GENERAL.—A project eligible to be carried*
 18 *out with funds under the program includes—*

19 *(A) subject to paragraph (3), 1 or more ac-*
 20 *tivities described in section 603(c) of the Federal*
 21 *Water Pollution Control Act (33 U.S.C. 1383(c));*
 22 *and*

23 *(B) any other wastewater infrastructure*
 24 *project that the Administrator determines to ap-*
 25 *propriate.*

1 (2) *OTHER FEDERAL FUNDS.*—*Notwithstanding*
 2 *any other provision of law, a project otherwise eligible*
 3 *under paragraph (1) shall not be ineligible for fund-*
 4 *ing because the project also received prior assist-*
 5 *ance—*

6 (A) *from a State drinking water treatment*
 7 *revolving loan fund established under section*
 8 *1452 of the Safe Drinking Water Act (42 U.S.C.*
 9 *300j–12);*

10 (B) *from a State water pollution control re-*
 11 *volving fund established under title VI of the*
 12 *Federal Water Pollution Control Act (33 U.S.C.*
 13 *1381 et seq.); or*

14 (C) *under the Water Infrastructure Finance*
 15 *and Innovation Act of 2014 (33 U.S.C. 3901 et*
 16 *seq.).*

17 (3) *NO INCREASED BONDING AUTHORITY.*—
 18 *Amounts made available under the program may not*
 19 *be used as a source of payment of, or security for (di-*
 20 *rectly or indirectly), in whole or in part, any obliga-*
 21 *tion the interest on which is exempt from the tax im-*
 22 *posed under chapter 1 of the Internal Revenue Code*
 23 *of 1986.*

24 (d) *APPLICATION.*—

1 (1) *IN GENERAL.*—*To be eligible to receive a*
 2 *grant under the program, an eligible entity shall sub-*
 3 *mit to the Administrator an application in such*
 4 *manner and containing such information as the Ad-*
 5 *ministrator may require.*

6 (2) *BUNDLING OF PROJECTS.*—*An eligible entity*
 7 *may include more than 1 project in a single applica-*
 8 *tion.*

9 (3) *DEADLINE.*—*An application shall be sub-*
 10 *mitted to the Administrator not later than 180 days*
 11 *after the date on which the notice of funding oppor-*
 12 *tunity and the selection criteria are issued under sub-*
 13 *section (e)(1)(B).*

14 (e) *SELECTION.*—

15 (1) *CRITERIA.*—

16 (A) *IN GENERAL.*—*The Administrator shall*
 17 *establish criteria in accordance with this sub-*
 18 *section to use in selecting projects to receive a*
 19 *grant under the program.*

20 (B) *PUBLICATION.*—*Not later than 90 days*
 21 *after the date on which funds are made available*
 22 *to carry out the program for each fiscal year, the*
 23 *Administrator shall—*

24 (i) *issue a notice of funding oppor-*
 25 *tunity for the program; and*

1 (ii) include in the notice the selection
2 criteria established under subparagraph
3 (A).

4 (2) *PRIORITY.*—In selecting projects to receive a
5 grant under the program, the Administrator shall
6 give priority to projects—

7 (A) for which a Federal grant would assist
8 in completing an overall financing package for
9 the project; and

10 (B) that would help bring publicly owned
11 treatment works (as defined in section 212 of the
12 Federal Water Pollution Control Act (33 U.S.C.
13 1292)) into compliance with the Federal Water
14 Pollution Control Act (33 U.S.C. 1251 et seq.).

15 (3) *GEOGRAPHICAL DISTRIBUTION.*—For each
16 fiscal year, in providing grants under the program,
17 the Administrator shall ensure that the funds are dis-
18 tributed—

19 (A) on an equitable geographical basis; and

20 (B) in a manner that balances the needs of
21 urban, suburban, and rural communities.

22 (4) *DEADLINE.*—Not later than 18 months after
23 the date on which funds are made available to carry
24 out the program for each fiscal year, the Adminis-

1 *trator shall select projects to receive grants under the*
 2 *program.*

3 *(f) REQUIREMENTS.—*

4 *(1) TOTAL STATE LIMIT.—For each fiscal year,*
 5 *the total amount provided under the program for*
 6 *projects in a single State shall not exceed 20 percent*
 7 *of the total amount made available to carry out the*
 8 *program.*

9 *(2) FEDERAL SHARE.—*

10 *(A) IN GENERAL.—Subject to subparagraph*
 11 *(B), the Federal share of the cost of a project car-*
 12 *ried out with a grant under the program shall*
 13 *not exceed 80 percent.*

14 *(B) WAIVER.—The Administrator may*
 15 *waive the requirement of subparagraph (A).*

16 *(g) REGULATIONS.—The Administrator may promul-*
 17 *gate such regulations as may be necessary to carry out this*
 18 *section.*

19 *(h) LABOR STANDARDS.—Notwithstanding any other*
 20 *provision of law, the Administrator may not provide a*
 21 *grant under the program for a project unless the project*
 22 *meets the requirements described in section 513 of the Fed-*
 23 *eral Water Pollution Control Act (33 U.S.C. 1372).*

24 *(i) REPORTS.—Not later than 2 years after the date*
 25 *of enactment of this Act, the Administrator shall submit*

1 *to Congress and make publicly available a report on the*
2 *implementation of the program.*

3 (j) *FUNDING.—*

4 (1) *AUTHORIZATION OF APPROPRIATIONS.—*

5 *There is authorized to be appropriated to carry out*
6 *this section \$50,000,000 for each of fiscal years 2022*
7 *through 2024.*

8 (2) *AVAILABILITY.—Funds made available to*
9 *carry out this section shall be available until ex-*
10 *pended.*

11 (3) *ADMINISTRATIVE COSTS.—Not more than 2*
12 *percent of the amount made available for a fiscal year*
13 *under paragraph (1) may be used by the Adminis-*
14 *trator for the administrative costs of carrying out the*
15 *program.*

16 **SEC. 2018. SMALL AND DISADVANTAGED COMMUNITY ANAL-**
17 **YSIS.**

18 (a) *ANALYSIS.—Not later than 1 year after the date*
19 *of enactment of this Act, using environmental justice data*
20 *of the Environmental Protection Agency, including data*
21 *from the environmental justice mapping and screen tool of*
22 *the Environmental Protection Agency, the Administrator of*
23 *the Environmental Protection Agency (referred to in this*
24 *section as the “Administrator”)* shall carry out an analysis
25 *under which the Administrator shall assess the programs*

1 *under title VI of the Federal Water Pollution Control Act*
 2 *(33 U.S.C. 1381 et seq.) and section 1452 of the Safe Drink-*
 3 *ing Water Act (42 U.S.C. 300j–12) to identify historical*
 4 *distributions of funds to small and disadvantaged commu-*
 5 *nities and new opportunities and methods to improve on*
 6 *the distribution of funds under those programs to low-in-*
 7 *come communities, rural communities, minority commu-*
 8 *nities, and communities of indigenous peoples, in accord-*
 9 *ance with Executive Order 12898 (42 U.S.C. 4321 note; 60*
 10 *Fed. Reg. 6381; relating to Federal actions to address envi-*
 11 *ronmental justice in minority populations and low-income*
 12 *populations)).*

13 **(b) REPORT.**—*On completion of the analysis under*
 14 *subsection (a), the Administrator shall submit to the Com-*
 15 *mittee on Environment and Public Works of the Senate and*
 16 *the Committees on Energy and Commerce and Transpor-*
 17 *tation and Infrastructure of the House of Representatives*
 18 *a report describing—*

19 *(1) the results of the analysis; and*

20 *(2) the criteria the Administrator used in car-*
 21 *rying out the analysis.*

22 **SEC. 2019. STORMWATER INFRASTRUCTURE TECHNOLOGY.**

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

1 (1) *ADMINISTRATOR.*—*The term “Adminis-*
 2 *trator” means the Administrator of the Environ-*
 3 *mental Protection Agency.*

4 (2) *CENTER.*—*The term “center” means a center*
 5 *of excellence for stormwater control infrastructure es-*
 6 *tablished under subsection (b)(1).*

7 (3) *ELIGIBLE ENTITY.*—*The term “eligible enti-*
 8 *ty” means—*

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

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

13 (4) *ELIGIBLE INSTITUTION.*—*The term “eligible*
 14 *institution” means an institution of higher education,*
 15 *a research institution, or a nonprofit organization*
 16 *that has demonstrated excellence in researching and*
 17 *developing new and emerging stormwater control in-*
 18 *frastructure.*

19 (b) *CENTERS OF EXCELLENCE FOR STORMWATER*
 20 *CONTROL INFRASTRUCTURE.—*

21 (1) *ESTABLISHMENT OF CENTERS.—*

22 (A) *IN GENERAL.*—*Subject to the avail-*
 23 *ability of appropriations, the Administrator*
 24 *shall provide grants, on a competitive basis, to*
 25 *eligible institutions to establish and maintain*

1 *not less than 3, and not more than 5, centers of*
2 *excellence for new and emerging stormwater con-*
3 *trol infrastructure, to be located in various re-*
4 *gions throughout the United States.*

5 (B) *GENERAL OPERATION.—Each center*
6 *shall—*

7 (i) *conduct research on new and*
8 *emerging stormwater control infrastructure*
9 *that is relevant to the geographical region*
10 *in which the center is located, including*
11 *stormwater and sewer overflow reduction,*
12 *other approaches to water resource enhance-*
13 *ment, alternative funding approaches, and*
14 *other environmental, economic, and social*
15 *benefits, with the goal of improving the ef-*
16 *fectiveness, cost efficiency, and protection of*
17 *public safety and water quality;*

18 (ii) *maintain a listing of—*

19 (I) *stormwater control infrastruc-*
20 *ture needs; and*

21 (II) *an analysis of new and*
22 *emerging stormwater control infra-*
23 *structure that is available;*

24 (iii) *analyze whether additional finan-*
25 *cial programs for the implementation of*

1 *new and emerging, but proven, stormwater*
2 *control infrastructure would be useful;*

3 *(iv) provide information regarding re-*
4 *search conducted under clause (i) to the na-*
5 *tional electronic clearinghouse center for*
6 *publication on the Internet website estab-*
7 *lished under paragraph (3)(B)(i) to provide*
8 *to the Federal Government and State, Trib-*
9 *al, and local governments and the private*
10 *sector information regarding new and*
11 *emerging, but proven, stormwater control*
12 *infrastructure;*

13 *(v) provide technical assistance to*
14 *State, Tribal, and local governments to as-*
15 *sist with the construction, operation, and*
16 *maintenance of stormwater control infra-*
17 *structure projects;*

18 *(vi) collaborate with institutions of*
19 *higher education and private and public or-*
20 *ganizations, including community-based*
21 *public-private partnerships and other stake-*
22 *holders, in the geographical region in which*
23 *the center is located; and*

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

1 (2) *APPLICATION.*—*To be eligible to receive a*
 2 *grant under this subsection, an eligible institution*
 3 *shall prepare and submit to the Administrator an ap-*
 4 *plication at such time, in such form, and containing*
 5 *such information as the Administrator may require.*

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

9 *(A) be designated as the “national electronic*
 10 *clearinghouse center”; and*

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

13 *(i) develop, operate, and maintain an*
 14 *Internet website and a public database that*
 15 *contains information relating to new and*
 16 *emerging, but proven, stormwater control*
 17 *infrastructure; and*

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

20 (4) *AUTHORIZATION OF APPROPRIATIONS.*—

21 *(A) IN GENERAL.*—*There is authorized to be*
 22 *appropriated to carry out this subsection*
 23 *\$5,000,000 for each of fiscal years 2022 and*
 24 *2023.*

1 (B) *LIMITATION ON USE OF FUNDS.—Of the*
 2 *amounts made available for grants under sub-*
 3 *paragraph (A), not more than 2 percent may be*
 4 *used to pay the administrative costs of the Ad-*
 5 *ministrator.*

6 (c) *STORMWATER CONTROL INFRASTRUCTURE*
 7 *PROJECT GRANTS.—*

8 (1) *GRANT AUTHORITY.—Subject to the avail-*
 9 *ability of appropriations, the Administrator shall*
 10 *provide grants, on a competitive basis, to eligible en-*
 11 *tities to carry out stormwater control infrastructure*
 12 *projects that incorporate new and emerging, but prov-*
 13 *en, stormwater control technology in accordance with*
 14 *this subsection.*

15 (2) *STORMWATER CONTROL INFRASTRUCTURE*
 16 *PROJECTS.—*

17 (A) *PLANNING AND DEVELOPMENT*
 18 *GRANTS.—The Administrator may make plan-*
 19 *ning and development grants under this sub-*
 20 *section for the following projects:*

21 (i) *Planning and designing stormwater*
 22 *control infrastructure projects that incor-*
 23 *porate new and emerging, but proven,*
 24 *stormwater control technology, including*

1 *engineering surveys, landscape plans, maps,*
2 *and implementation plans.*

3 *(ii) Identifying and developing stand-*
4 *ards necessary to accommodate stormwater*
5 *control infrastructure projects, including*
6 *those projects that incorporate new and*
7 *emerging, but proven, stormwater control*
8 *technology.*

9 *(iii) Identifying and developing fee*
10 *structures to provide financial support for*
11 *design, installation, and operations and*
12 *maintenance of stormwater control infra-*
13 *structure, including new and emerging, but*
14 *proven, stormwater control infrastructure.*

15 *(iv) Developing approaches for commu-*
16 *nity-based public-private partnerships for*
17 *the financing and construction of*
18 *stormwater control infrastructure, including*
19 *feasibility studies, stakeholder outreach, and*
20 *needs assessments.*

21 *(v) Developing and delivering training*
22 *and educational materials regarding new*
23 *and emerging, but proven, stormwater con-*
24 *trol infrastructure for distribution to—*

1 (I) *individuals and entities with*
2 *applicable technical knowledge; and*

3 (II) *the public.*

4 (B) *IMPLEMENTATION GRANTS.—The Ad-*
5 *ministrator may make implementation grants*
6 *under this subsection for the following projects:*

7 (i) *Installing new and emerging, but*
8 *proven, stormwater control infrastructure.*

9 (ii) *Protecting or restoring inter-*
10 *connected networks of natural areas that*
11 *protect water quality.*

12 (iii) *Monitoring and evaluating the en-*
13 *vironmental, economic, or social benefits of*
14 *stormwater control infrastructure that in-*
15 *corporate new and emerging, but proven,*
16 *stormwater control technology.*

17 (iv) *Implementing a best practices*
18 *standard for stormwater control infrastruc-*
19 *ture programs.*

20 (3) *APPLICATION.—Except as otherwise provided*
21 *in this section, to be eligible to receive a grant under*
22 *this subsection, an eligible entity shall prepare and*
23 *submit to the Administrator an application at such*
24 *time, in such form, and containing such information*

1 *as the Administrator may require, including, as ap-*
2 *plicable—*

3 *(A) a description of the stormwater control*
4 *infrastructure project that incorporates new and*
5 *emerging, but proven, technology;*

6 *(B) a plan for monitoring the impacts of*
7 *the stormwater control infrastructure project on*
8 *the water quality and quantity;*

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

12 *(D) a plan for the long-term operation and*
13 *maintenance of the stormwater control infra-*
14 *structure project and a tracking system, such as*
15 *asset management practices.*

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

19 *(A) a community that—*

20 *(i) has combined storm and sanitary*
21 *sewers in the collection system of the com-*
22 *munity; or*

23 *(ii) is a small, rural, or disadvantaged*
24 *community, as determined by the Adminis-*
25 *trator; or*

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

5 (5) *MAXIMUM AMOUNTS.—*

6 (A) *PLANNING AND DEVELOPMENT*
 7 *GRANTS.—*

8 (i) *SINGLE GRANT.—The amount of a*
 9 *single planning and development grant pro-*
 10 *vided under this subsection shall be not*
 11 *more than \$200,000.*

12 (ii) *AGGREGATE AMOUNT.—The total*
 13 *amount of all planning and development*
 14 *grants provided under this subsection for a*
 15 *fiscal year shall be not more than $\frac{1}{3}$ of the*
 16 *total amount made available to carry out*
 17 *this subsection.*

18 (B) *IMPLEMENTATION GRANTS.—*

19 (i) *SINGLE GRANT.—The amount of a*
 20 *single implementation grant provided under*
 21 *this subsection shall be not more than*
 22 *\$2,000,000.*

23 (ii) *AGGREGATE AMOUNT.—The total*
 24 *amount of all implementation grants pro-*
 25 *vided under this subsection for a fiscal year*

1 *shall be not more than $\frac{2}{3}$ of the total*
2 *amount made available to carry out this*
3 *subsection.*

4 (6) *FEDERAL SHARE.*—

5 (A) *IN GENERAL.*—*Except as provided in*
6 *subparagraph (C), the Federal share of a grant*
7 *provided under this subsection shall not exceed*
8 *80 percent of the total project cost.*

9 (B) *CREDIT FOR IMPLEMENTATION*
10 *GRANTS.*—*The Administrator shall credit toward*
11 *the non-Federal share of the cost of an imple-*
12 *mentation project carried out under this sub-*
13 *section the cost of planning, design, and con-*
14 *struction work completed for the project using*
15 *funds other than funds provided under this sec-*
16 *tion.*

17 (C) *EXCEPTION.*—*The Administrator may*
18 *waive the Federal share limitation under sub-*
19 *paragraph (A) for an eligible entity that has*
20 *adequately demonstrated financial need.*

21 (d) *REPORT TO CONGRESS.*—*Not later than 1 year*
22 *after the date on which the Administrator first awards a*
23 *grant under this section, the Administrator shall submit to*
24 *Congress a report that includes, with respect to the period*
25 *covered by the report—*

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

3 (2) *a detailed description of—*

4 (A) *the projects supported by those grants;*
 5 *and*

6 (B) *the outcomes of those projects;*

7 (3) *a description of the improvements in tech-*
 8 *nology, environmental benefits, resources conserved,*
 9 *efficiencies, and other benefits of the projects funded*
 10 *under this section;*

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

16 (5) *a description of existing challenges con-*
 17 *cerning the use of new and emerging, but proven,*
 18 *stormwater control infrastructure.*

19 (e) *AUTHORIZATION OF APPROPRIATIONS.—*

20 (1) *IN GENERAL.—There is authorized to be ap-*
 21 *propriated to carry out this section (except for sub-*
 22 *section (b)) \$10,000,000 for each of fiscal years 2022*
 23 *and 2023.*

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. 2020. GRANTS TO ALASKA TO IMPROVE SANITATION IN**
4 **RURAL AND NATIVE VILLAGES.**

5 Section 303(e) of the Safe Drinking Water Act Amend-
6 ments of 1996 (33 U.S.C. 1263a(e)) is amended—

7 (1) by striking “There are” and inserting “There
8 is”; and

9 (2) by striking “fiscal years 2001 through 2005”
10 and inserting “fiscal years 2021 and 2022”.

11 **SEC. 2021. WASTEWATER INFRASTRUCTURE GRANTS.**

12 (a) *IN GENERAL.*—The Administrator of the Environ-
13 mental Protection Agency may provide grants to units of
14 local government, including units of local government that
15 own treatment works (as defined in section 212 of the Fed-
16 eral Water Pollution Control Act (33 U.S.C. 1292)), Indian
17 tribes (as defined in section 4 of the Indian Self-Determina-
18 tion and Education Assistance Act (25 U.S.C. 5304)), and
19 public water systems (as defined in section 1401 of the Safe
20 Drinking Water Act (42 U.S.C. 300f)), as applicable, to
21 support improvements in reducing and removing plastic
22 waste and post-consumer materials, including microplastics
23 and microfibers, from wastewater.

24 (b) *APPLICATIONS.*—To be eligible to receive a grant
25 under subsection (a), an applicant shall submit to the Ad-

1 *ministrator of the Environmental Protection Agency an ap-*
 2 *plication at such time, in such manner, and containing*
 3 *such information as the Administrator of the Environ-*
 4 *mental Protection Agency may require.*

5 *(c) AUTHORIZATION OF APPROPRIATIONS.—*

6 *(1) IN GENERAL.—Subject to paragraph (2),*
 7 *there is authorized to be appropriated to carry out*
 8 *this section \$10,000,000 for each of fiscal years 2021*
 9 *through 2025.*

10 *(2) NO IMPACT ON OTHER FEDERAL FUNDS.—*

11 *(A) IN GENERAL.—No funds shall be made*
 12 *available under paragraph (1) to carry out this*
 13 *section in a fiscal year if the total amount made*
 14 *available to carry out the programs described in*
 15 *subparagraph (B) for that fiscal year is less than*
 16 *the total amount made available to carry out the*
 17 *programs described in subparagraph (B) for fis-*
 18 *cal year 2019.*

19 *(B) PROGRAMS DESCRIBED.—The programs*
 20 *referred to in subparagraph (A) are—*

21 *(i) State drinking water treatment re-*
 22 *volving loan funds established under section*
 23 *1452 of the Safe Drinking Water Act (42*
 24 *U.S.C. 300j–12);*

1 (ii) programs for assistance for small
 2 and disadvantaged communities under sub-
 3 sections (a) through (j) of section 1459A of
 4 the Safe Drinking Water Act (42 U.S.C.
 5 300j–19a); and

6 (iii) State water pollution control re-
 7 volving funds established under title VI of
 8 the Federal Water Pollution Control Act (33
 9 U.S.C. 1381 et seq.).

10 **SEC. 2022. WATER REUSE INTERAGENCY WORKING GROUP.**

11 (a) *IN GENERAL.*—Not later than 180 days after the
 12 date of enactment of this Act, the Administrator of the En-
 13 vironmental Protection Agency (referred to in this section
 14 as the “Administrator”), shall establish a Water Reuse
 15 Interagency Working Group (referred to in this section as
 16 the “Working Group”).

17 (b) *PURPOSE.*—The purpose of the Working Group is
 18 to develop and coordinate actions, tools, and resources to
 19 advance water reuse across the United States, including
 20 through the implementation of a National Water Reuse Ac-
 21 tion Plan that creates opportunities for water reuse in the
 22 mission areas of each of the Federal agencies included in
 23 the Working Group under subsection (c) (referred to in this
 24 section as the “Action Plan”).

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

3 (1) *chaired by the Administrator; and*

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

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

9 (1) *with respect to water reuse, leverage the ex-*
 10 *pertise of industry, the research community, non-*
 11 *governmental organizations, and government;*

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

14 (3) *conduct an assessment of new opportunities*
 15 *to advance water reuse and annually update the Ac-*
 16 *tion Plan with new actions, as necessary, to pursue*
 17 *those opportunities;*

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

20 (5) *consider how each Federal agency can ex-*
 21 *plore and identify opportunities to support water*
 22 *reuse through the programs and activities of that Fed-*
 23 *eral agency; and*

1 (6) *consult, on a regular basis, with representa-*
 2 *tives of relevant industries, the research community,*
 3 *and nongovernmental organizations.*

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

7 (f) *SUNSET.*—

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

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

14 ***TITLE III—TRIBAL AND OTHER*** 15 ***MATTERS***

16 ***SEC. 3001. TRIBAL PARTNERSHIP PROGRAM.***

17 *Section 203(b)(4) of the Water Resources Development*
 18 *Act of 2000 (33 U.S.C. 2269(b)(4)) is amended by striking*
 19 *“\$12,500,000” each place it appears and inserting*
 20 *“\$22,500,000”.*

21 ***SEC. 3002. COST SHARING PROVISIONS FOR TERRITORIES*** 22 ***AND INDIAN TRIBES.***

23 *Section 1156(b) of the Water Resources Development*
 24 *Act of 1986 (33 U.S.C. 2310(b)) is amended—*

1 (1) by inserting “on an annual basis” after “in-
2 flation”; and

3 (2) by striking “the date of enactment of the
4 Water Resources Development Act of 2018” and in-
5 serting “December 31, 2024”.

6 **SEC. 3003. INCLUSION OF TRIBAL INTERESTS IN PROJECT**
7 **CONSULTATIONS.**

8 (a) *REPORT REQUIRED.*—Not later than 1 year after
9 the date of enactment of this Act, the Secretary shall submit
10 the report required under section 1120(a)(3) of the Water
11 Resources Development Act of 2016 (130 Stat. 1643).

12 (b) *CONSULTATION.*—The Secretary shall ensure—

13 (1) that all existing Tribal consultation policies,
14 regulations, and guidance continue to be imple-
15 mented; and

16 (2) that consultations with Federal and State
17 agencies and Indian Tribes required for a water re-
18 sources development project are carried out.

19 **SEC. 3004. INDIAN IRRIGATION FUND REAUTHORIZATION.**

20 (a) *DEPOSITS TO FUNDS.*—Section 3212(a) of the
21 Water Infrastructure Improvements for the Nation Act (130
22 Stat. 1750; 132 Stat. 3892) is amended by striking “2028”
23 and inserting “2030”.

24 (b) *EXPENDITURES FROM FUND.*—Section 3213(a) of
25 the Water Infrastructure Improvements for the Nation Act

1 *(130 Stat. 1750; 132 Stat. 3892) is amended, in the matter*
 2 *preceding paragraph (1), by striking “2028” and inserting*
 3 *“2030”.*

4 *(c) TERMINATION.—Section 3216 of the Water Infra-*
 5 *structure Improvements for the Nation Act (130 Stat. 1750;*
 6 *132 Stat. 3892) is amended, in the matter preceding para-*
 7 *graph (1), by striking “2028” and inserting “2030”.*

8 **SEC. 3005. REAUTHORIZATION OF REPAIR, REPLACEMENT,**
 9 **AND MAINTENANCE OF CERTAIN INDIAN IR-**
 10 **RIGATION PROJECTS.**

11 *(a) IN GENERAL.—Section 3221(b) of the Water Infra-*
 12 *structure Improvements for the Nation Act (130 Stat. 1751;*
 13 *132 Stat. 3892) is amended, in the matter preceding para-*
 14 *graph (1), by striking “2028” and inserting “2030”.*

15 *(b) STATUS REPORT ON CERTAIN PROJECTS.—Section*
 16 *3224(d) of the Water Infrastructure Improvements for the*
 17 *Nation Act (130 Stat. 1753; 132 Stat. 3892) is amended,*
 18 *in the matter preceding paragraph (1), by striking “2028”*
 19 *and inserting “2030”.*

20 *(c) ALLOCATION AMONG PROJECTS.—Section 3226 of*
 21 *the Water Infrastructure Improvements for the Nation Act*
 22 *(130 Stat. 1753; 132 Stat. 3892) is amended—*

23 *(1) in subsection (a), by striking “2028” and in-*
 24 *serting “2030”; and*

1 (2) *in subsection (b), by striking “the day before*
 2 *the date of enactment of America’s Water Infrastruc-*
 3 *ture Act of 2018” and inserting “the day before the*
 4 *date of enactment of the America’s Water Infrastruc-*
 5 *ture Act of 2020”.*

6 **SEC. 3006. GRANTS TO PORTS TO REDUCE EMISSIONS FROM**
 7 **WATERBORNE VESSELS.**

8 (a) *IN GENERAL.*—*The Administrator of the Environ-*
 9 *mental Protection Agency shall establish a grant program*
 10 *under which the Administrator shall award grants for the*
 11 *purpose of reducing emissions at ports that result from wa-*
 12 *terborne vessels.*

13 (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There is*
 14 *authorized to be appropriated to carry out this section*
 15 *\$20,000,000 for each of fiscal years 2021 and 2022.*

16 **SEC. 3007. MAPPING AND SCREENING TOOL.**

17 *The Administrator of the Environmental Protection*
 18 *Agency shall continue to update, on an annual basis, and*
 19 *make available to the public EJSCREEN or an equivalent*
 20 *environmental justice mapping and screening tool.*

21 **SEC. 3008. ASSESSMENT OF COASTAL WATER INFRASTRUC-**
 22 **TURE VULNERABILITIES.**

23 *Not later than 1 year after the date of enactment of*
 24 *this Act, the Administrator of the Environmental Protection*
 25 *Agency shall submit to Congress a report that includes—*

1 (1) *an assessment of coastal water infrastructure*
 2 *vulnerabilities to sea level rise, storm surge, extreme*
 3 *weather, and other flood risks, including an identi-*
 4 *fication of States and communities with the most im-*
 5 *mediate and severe risks; and*

6 (2) *recommendations for investments and other*
 7 *improvements to that infrastructure to ensure long-*
 8 *term survivability.*

9 **SEC. 3009. REPORT ON POTENTIAL FOR BLUE ENERGY AT**
 10 **COASTAL WASTEWATER TREATMENT PLANTS.**

11 *Not later than 1 year after the date of enactment of*
 12 *this Act, the Administrator of the Environmental Protection*
 13 *Agency, in consultation with the Secretary of Energy, shall*
 14 *submit to Congress a report that evaluates the potential for*
 15 *using energy generation technologies based on harnessing*
 16 *the salinity differential between freshwater and saltwater*
 17 *at coastal wastewater treatment plants and other facilities.*

18 **SEC. 3010. GREAT LAKES RESTORATION INITIATIVE.**

19 *Section 118(c)(7)(J)(i) of the Federal Water Pollution*
 20 *Control Act (33 U.S.C. 1268(c)(7)(J)(i)) is amended—*

21 (1) *by striking “There is” and inserting “There*
 22 *are”;*

23 (2) *by striking the period at the end and insert-*
 24 *ing “; and”;*

1 (3) by striking “this paragraph \$300,000,000”
 2 and inserting the following: “this paragraph—
 3 “(I) \$300,000,000”; and
 4 (4) by adding at the end the following:
 5 “(II) \$375,000,000 for fiscal year
 6 2022.”.

7 **SEC. 3011. SAN FRANCISCO BAY RESTORATION.**

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

11 **“SEC. 124. SAN FRANCISCO BAY RESTORATION.**

12 “(a) *DEFINITIONS.—In this section:*

13 “(1) *ESTUARY PARTNERSHIP.—The term ‘Estu-*
 14 *ary Partnership’ means the San Francisco Estuary*
 15 *Partnership, designated as the management con-*
 16 *ference for the San Francisco Bay under section 320.*

17 “(2) *SAN FRANCISCO BAY PLAN.—The term ‘San*
 18 *Francisco Bay Plan’ means—*

19 “(A) *until the date of the completion of the*
 20 *plan developed by the Director under subsection*
 21 *(d), the comprehensive conservation and manage-*
 22 *ment plan approved under section 320 for the*
 23 *San Francisco Bay estuary; and*

24 “(B) *on and after the date of the completion*
 25 *of the plan developed by the Director under sub-*

1 *section (d), the plan developed by the Director*
2 *under subsection (d).*

3 “(b) *PROGRAM OFFICE.*—

4 “(1) *ESTABLISHMENT.*—

5 “(A) *IN GENERAL.*—*Subject to the avail-*
6 *ability of appropriations, the Administrator*
7 *shall establish in the Environmental Protection*
8 *Agency a San Francisco Bay Program Office*
9 *(referred to in this section as the ‘Office’).*

10 “(B) *LOCATION.*—*The Office shall be located*
11 *at the headquarters of Region 9 of the Environ-*
12 *mental Protection Agency.*

13 “(2) *APPOINTMENT OF DIRECTOR.*—*The Admin-*
14 *istrator shall appoint a Director of the Office (re-*
15 *ferred to in this section as the ‘Director’), who shall*
16 *have management experience and technical expertise*
17 *relating to the San Francisco Bay and be highly*
18 *qualified to direct the development and implementa-*
19 *tion of projects, activities, and studies necessary to*
20 *implement the San Francisco Bay Plan.*

21 “(3) *DELEGATION OF AUTHORITY; STAFFING.*—
22 *The Administrator shall delegate to the Director such*
23 *authority and provide such staff as may be necessary*
24 *to carry out this section.*

25 “(c) *ANNUAL PRIORITY LIST.*—

1 “(1) *IN GENERAL.*—After providing public no-
 2 *tice, the Director shall annually compile a priority*
 3 *list, consistent with the San Francisco Bay Plan,*
 4 *identifying and prioritizing the projects, activities,*
 5 *and studies to be carried out with amounts made*
 6 *available under subsection (e).*

7 “(2) *INCLUSIONS.*—The annual priority list
 8 *compiled under paragraph (1) shall include the fol-*
 9 *lowing:*

10 “(A) *Projects, activities, and studies, in-*
 11 *cluding restoration projects and habitat improve-*
 12 *ment for fish, waterfowl, and wildlife, that ad-*
 13 *vance the goals and objectives of the San Fran-*
 14 *cisco Bay Plan, for—*

15 “(i) *water quality improvement, in-*
 16 *cluding the reduction of marine litter;*

17 “(ii) *wetland, riverine, and estuary*
 18 *restoration and protection;*

19 “(iii) *nearshore and endangered species*
 20 *recovery; and*

21 “(iv) *adaptation to extreme weather*
 22 *events.*

23 “(B) *Information on the projects, activities,*
 24 *and studies specified under subparagraph (A),*
 25 *including—*

1 “(i) the identity of each entity receiv-
 2 ing assistance pursuant to subsection (e);
 3 and

4 “(ii) a description of the communities
 5 to be served.

6 “(C) The criteria and methods established
 7 by the Director for identification of projects, ac-
 8 tivities, and studies to be included on the annual
 9 priority list.

10 “(3) CONSULTATION.—In compiling the annual
 11 priority list under paragraph (1), the Director shall
 12 consult with, and consider the recommendations of—

13 “(A) the Estuary Partnership;

14 “(B) the State of California and affected
 15 local governments in the San Francisco Bay es-
 16 tuary watershed;

17 “(C) the San Francisco Bay Restoration
 18 Authority; and

19 “(D) any other relevant stakeholder involved
 20 with the protection and restoration of the San
 21 Francisco Bay estuary that the Director deter-
 22 mines to be appropriate.

23 “(d) SAN FRANCISCO BAY PLAN.—

24 “(1) IN GENERAL.—Not later than 5 years after
 25 the date of enactment of this section, the Director, in

1 *conjunction with the Estuary Partnership, shall re-*
 2 *view and revise the comprehensive conservation and*
 3 *management plan approved under section 320 for the*
 4 *San Francisco Bay estuary to develop a plan to guide*
 5 *the projects, activities, and studies of the Office to ad-*
 6 *dress the restoration and protection of the San Fran-*
 7 *cisco Bay.*

8 “(2) *REVISION OF SAN FRANCISCO BAY PLAN.*—
 9 *Not less often than once every 5 years after the date*
 10 *of the completion of the plan described in paragraph*
 11 *(1), the Director shall review, and revise as appro-*
 12 *priate, the San Francisco Bay Plan.*

13 “(3) *OUTREACH.*—*In carrying out this sub-*
 14 *section, the Director shall consult with the Estuary*
 15 *Partnership and Indian tribes and solicit input from*
 16 *other non-Federal stakeholders.*

17 “(e) *GRANT PROGRAM.*—

18 “(1) *IN GENERAL.*—*The Director may provide*
 19 *funding through cooperative agreements, grants, or*
 20 *other means to State and local agencies, special dis-*
 21 *tricts, and public or nonprofit agencies, institutions,*
 22 *and organizations, including the Estuary Partner-*
 23 *ship, for projects, activities, and studies identified on*
 24 *the annual priority list compiled under subsection*
 25 *(c).*

1 “(2) *MAXIMUM AMOUNT OF GRANTS; NON-FED-*
2 *ERAL SHARE.*—

3 “(A) *MAXIMUM AMOUNT OF GRANTS.*—
4 *Amounts provided to any entity under this sec-*
5 *tion for a fiscal year shall not exceed an amount*
6 *equal to 75 percent of the total cost of any*
7 *projects, activities, and studies that are to be*
8 *carried out using those amounts.*

9 “(B) *NON-FEDERAL SHARE.*—*Not less than*
10 *25 percent of the cost of any project, activity, or*
11 *study carried out using amounts provided under*
12 *this section shall be provided from non-Federal*
13 *sources.*

14 “(f) *FUNDING.*—

15 “(1) *AUTHORIZATION OF APPROPRIATIONS.*—
16 *There is authorized to be appropriated to carry out*
17 *this section \$25,000,000 for each of fiscal years 2022*
18 *and 2023.*

19 “(2) *ADMINISTRATIVE EXPENSES.*—*Of the*
20 *amount made available to carry out this section for*
21 *a fiscal year, the Director may not use more than 5*
22 *percent to pay administrative expenses incurred in*
23 *carrying out this section.*

1 “(3) *PROHIBITION.*—No amounts made available
2 under this section may be used for the administration
3 of a management conference under section 320.”.

4 **SEC. 3012. LAKE TAHOE RESTORATION PROGRAM.**

5 *Title I of the Federal Water Pollution Control Act (33*
6 *U.S.C. 1251 et seq.) (as amended by section 3011) is*
7 *amended by adding at the end the following:*

8 **“SEC. 125. LAKE TAHOE RESTORATION PROGRAM.**

9 “(a) *DEFINITIONS.*—In this section:

10 “(1) *DIRECTOR.*—The term ‘Director’ means the
11 Director of the Office appointed under subsection
12 (b)(2).

13 “(2) *ENVIRONMENTAL IMPROVEMENT PRO-*
14 *GRAM.*—The term ‘Environmental Improvement Pro-

15 gram’ means the Environmental Improvement Pro-

16 gram adopted by the Tahoe Regional Planning Agen-

17 cy, including any amendments to the Environmental

18 Improvement Program.

19 “(3) *OFFICE.*—The term ‘Office’ means the Lake
20 Tahoe Program Office established under subsection
21 (b)(1)(A).

22 “(b) *LAKE TAHOE PROGRAM.*—

23 “(1) *ESTABLISHMENT.*—

24 “(A) *IN GENERAL.*—Subject to the avail-

25 ability of appropriations, the Administrator

1 *shall establish within the Environmental Protec-*
2 *tion Agency a Lake Tahoe Program Office.*

3 “(B) *LOCATION.—The Office shall be located*
4 *at—*

5 “(i) *the headquarters of region 9 of the*
6 *Environmental Protection Agency; or*

7 “(ii) *another location geographically*
8 *suitable for the purposes of carrying out the*
9 *grant program under subsection (c).*

10 “(2) *DIRECTOR.—*

11 “(A) *IN GENERAL.—The Administrator*
12 *shall appoint an employee of the Environmental*
13 *Protection Agency who, by reason of manage-*
14 *ment experience and technical expertise relating*
15 *to Lake Tahoe, shall be highly qualified to sup-*
16 *port the development and implementation of*
17 *projects, programs, and studies necessary to*
18 *carry out the goals of the Environmental Im-*
19 *provement Program as Director of the Office.*

20 “(B) *DELEGATION OF AUTHORITY; STAFF-*
21 *ING.—The Administrator shall delegate to the*
22 *Director such authority and provide such re-*
23 *sources as may be necessary to carry out this sec-*
24 *tion.*

25 “(c) *GRANT PROGRAM.—*

1 “(1) *IN GENERAL.*—*The Director may provide*
 2 *funding through cooperative agreements, contracts,*
 3 *interagency agreements, grants, or other means to*
 4 *Federal, State, and regional agencies, public and non-*
 5 *profit agencies, institutions, and organizations for ac-*
 6 *tivities, studies, or projects identified in the Environ-*
 7 *mental Improvement Program.*

8 “(2) *FEDERAL SHARE.*—

9 “(A) *IN GENERAL.*—*The Federal share of*
 10 *the total cost of an eligible activity, study, or*
 11 *project carried out using amounts provided*
 12 *under this section shall be not greater than 75*
 13 *percent.*

14 “(B) *SOURCE OF NON-FEDERAL SHARE.*—
 15 *The non-Federal share of the total cost of an eli-*
 16 *gible activity, study, or project carried out under*
 17 *the program shall be provided from non-Federal*
 18 *sources.*

19 “(d) *FUNDING.*—

20 “(1) *AUTHORIZATION OF APPROPRIATIONS.*—
 21 *There is authorized to be appropriated to the Director*
 22 *to carry out this section \$6,000,000 for each of fiscal*
 23 *years 2021 through 2024.*

24 “(2) *ADMINISTRATIVE EXPENSES.*—*Of the*
 25 *amounts made available to carry out this section for*

1 a fiscal year under paragraph (1), the Director may
 2 use not more than 5 percent to pay the administra-
 3 tive expenses incurred in carrying out this section.

4 “(3) *RELATIONSHIP TO OTHER FUNDING.*—Noth-
 5 ing in this section limits the eligibility of projects
 6 identified in the Environmental Improvement Pro-
 7 gram to receive funding under section 319.

8 “(4) *PROHIBITION.*—No amounts made available
 9 under paragraph (1) may be used for the administra-
 10 tion of a management conference under section 320.”.

11 **SEC. 3013. PUGET SOUND COORDINATED RECOVERY.**

12 Title I of the Federal Water Pollution Control Act (33
 13 U.S.C. 1251 et seq.) (as amended by section 3012) is
 14 amended by adding at the end the following:

15 **“SEC. 126. PUGET SOUND COORDINATED RECOVERY.**

16 “(a) *DEFINITIONS.*—In this section:

17 “(1) *DIRECTOR.*—The term ‘Director’ means the
 18 Director of the Program Office appointed under sub-
 19 section (b)(2)(A).

20 “(2) *FEDERAL ACTION PLAN.*—The term ‘Federal
 21 Action Plan’ means the interim draft report of the
 22 Puget Sound Federal Task Force entitled ‘The Puget
 23 Sound Federal Task Force Action Plan FY 2017-
 24 2021’ and accepted by the Puget Sound Federal Task
 25 Force on January 18, 2017.

1 “(3) *INTERNATIONAL JOINT COMMISSION.*—The
 2 term ‘*International Joint Commission*’ means the
 3 *International Joint Commission established by the*
 4 *Treaty Relating to the Boundary Waters and Ques-*
 5 *tions Arising Along the Boundary Between the United*
 6 *States and Canada, signed at Washington January*
 7 *11, 1909 (36 Stat. 2448; TS 548) (commonly known*
 8 *as the ‘Boundary Waters Treaty of 1909’).*

9 “(4) *PACIFIC SALMON COMMISSION.*—The term
 10 ‘*Pacific Salmon Commission*’ means the *Pacific*
 11 *Salmon Commission established by the United States*
 12 *and Canada under the Treaty between the Govern-*
 13 *ment of the United States of America and the Govern-*
 14 *ment of Canada Concerning Pacific Salmon, signed*
 15 *at Ottawa, January 28, 1985 (TIAS 11091) (com-*
 16 *monly known as the ‘Pacific Salmon Treaty’).*

17 “(5) *PROGRAM OFFICE.*—The term ‘*Program Of-*
 18 *fice*’ means the *Puget Sound Recovery National Pro-*
 19 *gram Office established by subsection (b)(1).*

20 “(6) *PUGET SOUND ACTION AGENDA; ACTION*
 21 *AGENDA.*—The terms ‘*Puget Sound Action Agenda*’
 22 and ‘*Action Agenda*’ mean the most recent plan devel-
 23 oped by the *Puget Sound National Estuary Program*
 24 *Management Conference, in consultation with the*
 25 *Puget Sound Tribal Management Conference, and ap-*

1 *proved by the Administrator as the comprehensive*
 2 *conservation and management plan for Puget Sound*
 3 *under section 320 (including a plan developed after*
 4 *the date of enactment of this section).*

5 “(7) *PUGET SOUND FEDERAL TASK FORCE.*—*The*
 6 *term ‘Puget Sound Federal Task Force’ means the*
 7 *Puget Sound Federal Task Force established in 2016*
 8 *under a memorandum of understanding among* 9
 9 *Federal agencies.*

10 “(8) *PUGET SOUND NATIONAL ESTUARY PRO-*
 11 *GRAM MANAGEMENT CONFERENCE.*—*The term ‘Puget*
 12 *Sound National Estuary Program Management Con-*
 13 *ference’ means the management conference for Puget*
 14 *Sound convened pursuant to section 320.*

15 “(9) *PUGET SOUND TRIBAL MANAGEMENT CON-*
 16 *FERENCE.*—*The term ‘Puget Sound Tribal Manage-*
 17 *ment Conference’ means the 20 treaty Indian tribes of*
 18 *western Washington and the Northwest Indian Fish-*
 19 *eries Commission.*

20 “(10) *SALISH SEA.*—*The term ‘Salish Sea’*
 21 *means the network of coastal waterways on the west*
 22 *coast of North America that includes the Puget*
 23 *Sound, the Strait of Georgia, and the Strait of Juan*
 24 *de Fuca.*

1 “(b) *PUGET SOUND RECOVERY NATIONAL PROGRAM*
 2 *OFFICE.*—

3 “(1) *ESTABLISHMENT.*—*There is established in*
 4 *the Environmental Protection Agency an office, to be*
 5 *known as the ‘Puget Sound Recovery National Pro-*
 6 *gram Office’, which shall be located in the State of*
 7 *Washington.*

8 “(2) *DIRECTOR.*—

9 “(A) *IN GENERAL.*—*The Director of the*
 10 *Program Office shall be—*

11 “(i) *appointed by the Administrator;*
 12 *and*

13 “(ii) *a career reserved position (as de-*
 14 *fin ed in section 3132(a) of title 5, United*
 15 *States Code).*

16 “(B) *QUALIFICATIONS.*—*The Director shall*
 17 *have leadership and project management experi-*
 18 *ence and shall be highly qualified—*

19 “(i) *to direct the integration of mul-*
 20 *tiple project planning efforts and programs*
 21 *from different agencies and jurisdictions;*
 22 *and*

23 “(ii) *to align needs toward imple-*
 24 *menting a shared Action Agenda with visi-*
 25 *ble and measurable outcomes.*

1 “(3) *DELEGATION OF AUTHORITY; STAFFING.*—
 2 *Using amounts made available under subsection (d),*
 3 *the Administrator shall delegate to the Director such*
 4 *authority and provide such staff as may be necessary*
 5 *to carry out this section.*

6 “(4) *DUTIES.*—*The Director shall—*

7 “(A) *coordinate and manage the timely exe-*
 8 *cution of the requirements of this section;*

9 “(B) *coordinate activities related to the res-*
 10 *toration and protection of Puget Sound across*
 11 *the Environmental Protection Agency;*

12 “(C) *coordinate and align the activities of*
 13 *the Administrator with the Action Agenda and*
 14 *the Federal Action Plan;*

15 “(D) *promote the efficient use of resources of*
 16 *the Environmental Protection Agency in pursuit*
 17 *of Puget Sound restoration and protection;*

18 “(E) *serve on the Puget Sound Federal Task*
 19 *Force and collaborate with, help coordinate, and*
 20 *carry out activities with other Federal agencies*
 21 *that have responsibilities involving Puget Sound*
 22 *restoration and protection;*

23 “(F) *provide or procure such other advice,*
 24 *technical assistance, research, assessments, moni-*

toring, or other support as is determined by the
Director to be necessary or prudent—

“(i) to most efficiently and effectively
fulfill the objectives and priorities of the Ac-
tion Agenda and the Federal Action Plan,
consistent with the best available science;
and

“(ii) to ensure the health of the Puget
Sound ecosystem;

“(G) track the progress of the Environ-
mental Protection Agency towards meeting the
specified objectives and priorities of the Environ-
mental Protection Agency within the Action
Agenda and the Federal Action Plan;

“(H) carry out the recommendations of the
Comptroller General of the United States, as set
forth in the report entitled ‘Puget Sound Res-
toration: Additional Actions Could Improve As-
sessments of Progress’ and dated July 19, 2018;

“(I) serve as liaison and coordinate activi-
ties for the restoration and protection of the Sa-
lish Sea with Canadian authorities, the Pacific
Salmon Commission, and the International
Joint Commission; and

1 “(J) carry out such additional duties as the
 2 Administrator determines to be necessary and
 3 appropriate.

4 “(c) CROSSCUT BUDGET REPORT.—

5 “(1) FINANCIAL REPORT.—Not later than 1 year
 6 after the date of enactment of this section, and every
 7 5 years thereafter, the Director of the Office of Man-
 8 agement and Budget, in consultation with the Puget
 9 Sound Federal Task Force, shall, in conjunction with
 10 the annual budget submission of the President to Con-
 11 gress for the year under section 1105(a) of title 31,
 12 United States Code, submit to Congress and make
 13 available to the public, including on the internet, a
 14 financial report that is certified by the head of each
 15 agency represented on the Puget Sound Federal Task
 16 Force (referred to in this subsection as the ‘report’).

17 “(2) CONTENTS.—The report shall contain an
 18 interagency crosscut budget relating to Puget Sound
 19 restoration and protection activities that includes—

20 “(A) the proposed funding for any Federal
 21 restoration and protection activity to be carried
 22 out in the succeeding fiscal year, including any
 23 planned interagency or intra-agency transfer, for
 24 each of the Federal agencies that carry out res-
 25 toration and protection activities;

1 “(B) the estimated expenditures for Federal
2 restoration and protection activities from the
3 preceding 2 fiscal years, the current fiscal year,
4 and the succeeding fiscal year; and

5 “(C) the estimated expenditures for Federal
6 environmental research and monitoring pro-
7 grams from the preceding 2 fiscal years, the cur-
8 rent fiscal year, and the succeeding fiscal year.

9 “(3) INCLUDED RECOVERY ACTIVITIES.—With re-
10 spect to activities described in the report, the report
11 shall only describe activities that have funding
12 amounts of greater than \$100,000.

13 “(4) SUBMISSION TO CONGRESS.—The Director
14 of the Office of Management and Budget shall submit
15 the report to—

16 “(A) the Committee on Appropriations, the
17 Committee on Natural Resources, the Committee
18 on Energy and Commerce, and the Committee on
19 Transportation and Infrastructure of the House
20 of Representatives; and

21 “(B) the Committee on Appropriations, the
22 Committee on Environment and Public Works,
23 and the Committee on Commerce, Science, and
24 Transportation of the Senate.

1 “(d) *AUTHORIZATION OF APPROPRIATIONS.*—*In addi-*
 2 *tion to any other funds authorized to be appropriated for*
 3 *activities related to Puget Sound, there is authorized to be*
 4 *appropriated to carry out this section \$50,000,000 for each*
 5 *of fiscal years 2021 through 2025.*

6 “(e) *PRESERVATION OF TREATY OBLIGATIONS AND*
 7 *EXISTING FEDERAL STATUS.*—

8 “(1) *TRIBAL TREATY RIGHTS.*—*Nothing in this*
 9 *section affects, or is intended to affect, any right re-*
 10 *served by treaty between the United States and 1 or*
 11 *more Indian tribes.*

12 “(2) *OTHER FEDERAL LAW.*—*Nothing in this*
 13 *section affects the requirements and procedures of*
 14 *other Federal law.*

15 “(f) *CONSISTENCY.*—*Actions authorized or carried out*
 16 *under this section shall be consistent with other applicable*
 17 *Federal requirements.”.*

18 **SEC. 3014. REAUTHORIZATION OF THE DENALI COMMIS-**
 19 **SION.**

20 *Section 312(a) of the Denali Commission Act of 1998*
 21 *(42 U.S.C. 3121 note; Public Law 105–277) is amended by*
 22 *striking “2017 through 2021” and inserting “2021 through*
 23 *2024”.*

1 **SEC. 3015. MUNICIPAL OMBUDSMAN.**

2 *Section 4 of the Water Infrastructure Improvement Act*
 3 *(42 U.S.C. 4370j) is amended—*

4 *(1) in subsection (b)(1), by inserting “(33 U.S.C.*
 5 *1251 et seq.)” after “Control Act”;*

6 *(2) in subsection (c)—*

7 *(A) in paragraph (2), by striking “Act;*
 8 *and” and inserting “Act (33 U.S.C. 1251 et*
 9 *seq.);”*

10 *(B) in paragraph (3), by striking “Act.”*
 11 *and inserting “Act (33 U.S.C. 1342(s)); and”;*
 12 *and*

13 *(C) by adding at the end the following:*

14 *“(4) establishing local funding sources, organiza-*
 15 *tion analyses, and developing innovative funding*
 16 *strategies, fee structures, and funding mechanisms.”;*
 17 *and*

18 *(3) in subsection (d)(1)(D), by inserting “(33*
 19 *U.S.C. 1342(s))” after “Control Act”.*

20 **SEC. 3016. NATIONAL ESTUARY PROGRAM.**

21 *Section 320 of the Federal Water Pollution Control Act*
 22 *(33 U.S.C. 1330) is amended—*

23 *(1) in subsection (a)(2)(B), by striking “and*
 24 *Peconic Bay, New York” and inserting “Peconic Bay,*
 25 *New York; Casco Bay, Maine; Tampa Bay, Florida;*
 26 *Coastal Bend, Texas; San Juan Bay, Puerto Rico;*

1 *Tillamook Bay, Oregon; Piscataqua Region, New*
 2 *Hampshire; Barnegat Bay, New Jersey; Maryland*
 3 *Coastal Bays, Maryland; Charlotte Harbor, Florida;*
 4 *Mobile Bay, Alabama; Morro Bay, California; and*
 5 *Lower Columbia River, Oregon and Washington”;*

6 *(2) in subsection (b)(4)—*

7 *(A) by striking “management plan that rec-*
 8 *ommends” and inserting “management plan*
 9 *that—*

10 *“(A) recommends”; and*

11 *(B) by adding at the end the following:*

12 *“(B) addresses the effects of recurring ex-*
 13 *treme weather events on the estuary, including*
 14 *the identification and assessment of*
 15 *vulnerabilities in the estuary and the develop-*
 16 *ment and implementation of adaptation strate-*
 17 *gies; and*

18 *“(C) increases public education and aware-*
 19 *ness of the ecological health and water quality*
 20 *conditions of the estuary;”;*

21 *(3) in subsection (c)(5), by inserting “nonprofit*
 22 *organizations,” after “educational institutions,”;*

23 *(4) in subsection (g)(4)—*

1 (A) in subparagraph (A), by striking “sub-
 2 section (i)(2)(B)” and inserting “subsection
 3 (i)(3)(B)”; and

4 (B) in subparagraph (C)—

5 (i) in the matter preceding clause (i),
 6 in the first sentence—

7 (I) by inserting “, emerging,”
 8 after “urgent”;

9 (II) by striking “coastal areas”
 10 and inserting “estuaries of national
 11 significance”;

12 (ii) in clause (vi), by inserting “, ex-
 13 treme weather,” after “sea level rise”;

14 (iii) by redesignating clauses (vi) and
 15 (vii) as clauses (ix) and (x), respectively;
 16 and

17 (iv) by inserting after clause (v) the
 18 following:

19 “(vi) stormwater runoff;

20 “(vii) accelerated land loss;

21 “(viii) problems resulting from urban-
 22 ization and population growth, including—

23 “(I) increased demand for sewage
 24 treatment;

1 “(II) loss of forests and natural
2 soil; and

3 “(III) increased amounts of im-
4 pervious surfaces that affect water
5 quality;”; and

6 (5) in subsection (i)—

7 (A) by redesignating paragraph (2) as
8 paragraph (3); and

9 (B) in paragraph (1), in the matter pre-
10 ceding subparagraph (A), by striking “There is
11 authorized to be appropriated to the Adminis-
12 trator \$26,500,000 for each of fiscal years 2017
13 through 2021 for—” and inserting the following:
14 “There are authorized to be appropriated to the
15 Administrator for the purposes described in
16 paragraph (2)—

17 “(A) \$26,500,000 for each of fiscal years
18 2017 through 2020; and

19 “(B) \$50,000,000 for each of fiscal years
20 2021 and 2022.

21 “(2) PURPOSES DESCRIBED.—The purposes re-
22 ferred to in paragraph (1) are—”.

Calendar No. 453

116TH CONGRESS
2D Session

S. 3591

A BILL

To provide for improvements to the rivers and harbors of the United States, to provide for the conservation and development of water and related resources, to provide for water pollution control activities, and for other purposes.

May 11, 2020

Reported with an amendment