

Calendar No. 523114TH CONGRESS
2^D SESSION**S. 2848****[Report No. 114–283]**

To provide for the conservation and development of water and related resources, to authorize the Secretary of the Army to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.

IN THE SENATE OF THE UNITED STATES

APRIL 25, 2016

Mr. INHOFE (for himself and Mrs. BOXER) introduced the following bill; which was read twice and referred to the Committee on Environment and Public Works

JUNE 20, 2016

Reported by Mr. INHOFE, with amendments

[Omit the part struck through and insert the part printed in *italic*]

A BILL

To provide for the conservation and development of water and related resources, to authorize the Secretary of the Army to construct various projects for improvements to rivers and harbors of the United States, 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 “Water Resources Development Act of 2016”.

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.
- Sec. 3. Limitations.

TITLE I—PROGRAM REFORMS

- Sec. 1001. Study of water resources development projects by non-Federal interests.
- Sec. 1002. Advanced funds for water resources development studies and projects.
- Sec. 1003. Authority to accept and use materials and services.
- Sec. 1004. Partnerships with non-Federal entities to protect the Federal investment.
- Sec. 1005. Non-Federal study and construction of projects.
- Sec. 1006. Munitions disposal.
- Sec. 1007. Challenge cost-sharing program for management of recreation facilities.
- Sec. 1008. Structures and facilities constructed by the Secretary.
- Sec. 1009. Project completion.
- Sec. 1010. Contributed funds.
- Sec. 1011. Application of certain benefits and costs included in final feasibility studies.
- Sec. 1012. Leveraging Federal infrastructure for increased water supply.
- Sec. 1013. New England District headquarters.
- Sec. 1014. Buffalo District headquarters.
- Sec. 1015. Completion of ecosystem restoration projects.
- Sec. 1016. Credit for donated goods.
- Sec. 1017. Structural health monitoring.
- Sec. 1018. Fish and wildlife mitigation.
- Sec. 1019. Non-Federal interests.
- Sec. 1020. Discrete segment.
- Sec. 1021. Funding to process permits.
- Sec. 1022. International Outreach Program.
- Sec. 1023. Wetlands mitigation.
- Sec. 1024. Use of Youth Service and Conservation Corps.
- Sec. 1025. Debris removal.
- ~~Sec. 1026. Oyster aquaculture study.~~
- Sec. 1026. *Aquaculture study.*
- Sec. 1027. Levee vegetation.
- Sec. 1028. Planning assistance to States.
- Sec. 1029. Prioritization.
- Sec. 1030. Kennewick Man.
- Sec. 1031. Review of Corps of Engineers assets.
- Sec. 1032. Review of reservoir operations.
- Sec. 1033. Transfer of excess credit.

- Sec. 1034. Surplus water storage.
- Sec. 1035. Hurricane and storm damage reduction.
- Sec. 1036. Fish hatcheries.
- Sec. 1037. Feasibility studies and watershed assessments.
- Sec. 1038. *Shore damage prevention or mitigation.*

TITLE II—NAVIGATION

- Sec. 2001. Projects funded by the Inland Waterways Trust Fund.
- Sec. 2002. Operation and maintenance of fuel-taxed inland waterways.
- Sec. 2003. Funding for harbor maintenance programs.
- Sec. 2004. Dredged material disposal.
- Sec. 2005. Cape Arundel disposal site, Maine.
- Sec. 2006. Maintenance of harbors of refuge.
- Sec. 2007. Aids to navigation.
- Sec. 2008. Beneficial use of dredged material.
- Sec. 2009. Operation and maintenance of harbor projects.
- Sec. 2010. Additional measures at donor ports and energy transfer ports.
- Sec. 2011. Harbor deepening.
- Sec. 2012. Operations and maintenance of inland Mississippi River ports.
- Sec. 2013. Implementation guidance.
- Sec. 2014. Remote and subsistence harbors.
- Sec. 2015. Non-Federal interest dredging authority.
- Sec. 2016. Transportation cost savings.
- Sec. 2017. Dredged material.

TITLE III—SAFETY IMPROVEMENTS

- Sec. 3001. Rehabilitation assistance for non-Federal flood control projects.
- Sec. 3002. Rehabilitation of existing levees.
- Sec. 3003. Maintenance of high risk flood control projects.
- Sec. 3004. Rehabilitation of high hazard potential dams.

TITLE IV—RIVER BASINS, WATERSHEDS, AND COASTAL AREAS

- Sec. 4001. Gulf Coast oyster bed recovery plan.
- Sec. 4002. Columbia River.
- Sec. 4003. Missouri River.
- Sec. 4004. Puget Sound nearshore ecosystem restoration.
- Sec. 4005. Ice jam prevention and mitigation.
- Sec. 4006. Chesapeake Bay oyster restoration.
- Sec. 4007. North Atlantic coastal region.
- Sec. 4008. Rio Grande.
- Sec. 4009. Texas coastal area.
- Sec. 4010. Upper Mississippi and Illinois Rivers flood risk management.
- Sec. 4011. Salton Sea, California.
- Sec. 4012. Adjustment.
- Sec. 4013. Coastal resiliency.
- Sec. 4014. *Regional intergovernmental collaboration on coastal resilience.*

TITLE V—DEAUTHORIZATIONS

- Sec. 5001. Deauthorizations.
- Sec. 5002. Conveyances.

TITLE VI—WATER RESOURCES INFRASTRUCTURE

- Sec. 6001. Authorization of final feasibility studies.
- Sec. 6002. Authorization of project modifications recommended by the Secretary.
- Sec. 6003. Authorization of study and modification proposals submitted to Congress by the Secretary.

TITLE VII—SAFE DRINKING WATER AND CLEAN WATER
INFRASTRUCTURE

- Sec. 7001. Definition of Administrator.
- Sec. 7002. Sense of the Senate on appropriations levels and findings on economic impacts.

Subtitle A—Drinking Water

- Sec. 7101. Preconstruction work.
- Sec. 7102. Priority system requirements.
- Sec. 7103. Administration of State loan funds.
- Sec. 7104. Other authorized activities.
- Sec. 7105. Negotiation of contracts.
- Sec. 7106. Assistance for small and disadvantaged communities.
- Sec. 7107. Reducing lead in drinking water.
- Sec. 7108. Regional liaisons for minority, tribal, and low-income communities.
- Sec. 7109. Notice to persons served.
- Sec. 7110. Electronic reporting of drinking water data.
- Sec. 7111. Lead testing in school and child care drinking water.
- Sec. 7112. WaterSense program.
- Sec. 7113. Water supply cost savings.

Subtitle B—Clean Water

- Sec. 7201. Sewer overflow control grants.
- ~~Sec. 7202. Small treatment works.~~
- Sec. 7202. *Small and medium treatment works.*
- Sec. 7203. Integrated plans.
- Sec. 7204. Green infrastructure promotion.
- Sec. 7205. Financial capability guidance.

Subtitle C—Innovative Financing and Promotion of Innovative Technologies

- Sec. 7301. Water infrastructure public-private partnership pilot program.
- Sec. 7302. Water infrastructure finance and innovation.
- Sec. 7303. Water Infrastructure Investment Trust Fund.
- Sec. 7304. Innovative water technology grant program.
- Sec. 7305. Water Resources Research Act amendments.
- Sec. 7306. Reauthorization of Water Desalination Act of 1996.
- Sec. 7307. National drought resilience guidelines.
- Sec. 7308. Innovation in Clean Water State Revolving Funds.
- Sec. 7309. Innovation in the Drinking Water State Revolving Fund.

Subtitle D—Drinking Water Disaster Relief and Infrastructure Investments

- Sec. 7401. Drinking water infrastructure.
- Sec. 7402. Loan forgiveness.
- Sec. 7403. Registry for lead exposure and advisory committee.
- Sec. 7404. Additional funding for certain childhood health programs.
- Sec. 7405. Review and report.

Subtitle E—Report on Groundwater Contamination

- Sec. 7501. Definitions.
 Sec. 7502. Report on groundwater contamination.

Subtitle F—Restoration

PART I—GREAT LAKES RESTORATION INITIATIVE

- Sec. 7611. Great Lakes Restoration Initiative.

PART II—LAKE TAHOE RESTORATION

- Sec. 7621. Findings and purposes.
 Sec. 7622. Definitions.
 Sec. 7623. Improved administration of the Lake Tahoe Basin Management Unit.
 Sec. 7624. Authorized programs.
 Sec. 7625. Program performance and accountability.
 Sec. 7626. Conforming amendments; updates to related laws.
 Sec. 7627. Authorization of appropriations.
 Sec. 7628. Land transfers to improve management efficiencies of Federal and State land.

PART III—LONG ISLAND SOUND RESTORATION

- Sec. 7631. Restoration and stewardship programs.
 Sec. 7632. Reauthorization.

Subtitle G—Offset

- Sec. 7701. Offset.

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

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

4 **SEC. 3. LIMITATIONS.**

5 Nothing in this Act—

6 (1) supersedes or modifies any written agree-
 7 ment between the Federal Government and a non-
 8 Federal interest that is in effect on the date of en-
 9 actment of this Act;

10 (2) supersedes or authorizes any amendment to
 11 a multistate water control plan, including the Mis-

1 souri River Master Water Control Manual (as in ef-
2 fect on the date of enactment of this Act);

3 (3) affects any water right in existence on the
4 date of enactment of this Act;

5 (4) preempts or affects any State water law or
6 interstate compact governing water; or

7 (5) affects any authority of a State, as in effect
8 on the date of enactment of this Act, to manage
9 water resources within the State.

10 **TITLE I—PROGRAM REFORMS**

11 **SEC. 1001. STUDY OF WATER RESOURCES DEVELOPMENT**

12 **PROJECTS BY NON-FEDERAL INTERESTS.**

13 Section 203 of the Water Resources Development Act
14 of 1986 (33 U.S.C. 2231) is amended by adding at the
15 end the following:

16 “(e) TECHNICAL ASSISTANCE.—On the request of a
17 non-Federal interest, the Secretary may provide technical
18 assistance relating to any aspect of the feasibility study
19 if the non-Federal interest contracts with the Secretary
20 to pay all costs of providing the technical assistance.”.

21 **SEC. 1002. ADVANCED FUNDS FOR WATER RESOURCES DE-**

22 **VELOPMENT STUDIES AND PROJECTS.**

23 The Act of October 15, 1940 (33 U.S.C. 701h–1),
24 is amended—

25 (1) in the first sentence—

1 (A) by striking “Whenever any” and in-
2 serting the following:

3 “(a) IN GENERAL.—Whenever any”;

4 (B) by striking “a flood-control project
5 duly adopted and authorized by law” and in-
6 serting “an authorized water resources develop-
7 ment study or project,”; and

8 (C) by striking “such work” and inserting
9 “such study or project”;

10 (2) in the second sentence—

11 (A) by striking “The Secretary of the
12 Army” and inserting the following:

13 “(b) REPAYMENT.—The Secretary of the Army”; and

14 (B) by striking “from appropriations which
15 may be provided by Congress for flood-control
16 work” and inserting “if specific appropriations
17 are provided by Congress for such purpose”;
18 and

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

20 “(c) DEFINITION OF STATE.—In this section, the
21 term ‘State’ means—

22 “(1) a State;

23 “(2) the District of Columbia;

24 “(3) the Commonwealth of Puerto Rico;

1 “(4) any other territory or possession of the
2 United States; and

3 “(5) a federally recognized Indian tribe or a
4 Native village, Regional Corporation, or Village Cor-
5 poration (as those terms are defined in section 3 of
6 the Alaska Native Claims Settlement Act (43 U.S.C.
7 1602)).”.

8 **SEC. 1003. AUTHORITY TO ACCEPT AND USE MATERIALS**
9 **AND SERVICES.**

10 Section 1024 of the Water Resources Reform and De-
11 velopment Act of 2014 (33 U.S.C. 2325a) is amended—

12 (1) by striking subsection (a) and inserting the
13 following:

14 “(a) IN GENERAL.—Subject to subsection (b), the
15 Secretary is authorized to accept and use materials, serv-
16 ices, or funds contributed by a non-Federal public entity,
17 a nonprofit entity, or a private entity to repair, restore,
18 replace, or maintain a water resources project in any case
19 in which the District Commander determines that—

20 “(1) there is a risk of adverse impacts to the
21 functioning of the project for the authorized pur-
22 poses of the project; and

23 “(2) acceptance of the materials and services or
24 funds is in the public interest.”; and

1 (2) in subsection (c), in the matter preceding
2 paragraph (1)—

3 (A) by striking “Not later than 60 days
4 after initiating an activity under this section,”
5 and inserting “Not later than February 1 of
6 each year after the first fiscal year in which
7 materials, services, or funds are accepted under
8 this section,”; and

9 (B) by striking “a report” and inserting
10 “an annual report”.

11 **SEC. 1004. PARTNERSHIPS WITH NON-FEDERAL ENTITIES**
12 **TO PROTECT THE FEDERAL INVESTMENT.**

13 (a) **IN GENERAL.**—Subject to subsection (c), the Sec-
14 retary is authorized to partner with a non-Federal interest
15 for the maintenance of a water resources project to ensure
16 that the project will continue to function for the author-
17 ized purposes of the project.

18 (b) **FORM OF PARTNERSHIP.**—Under a partnership
19 referred to in subsection (a), the Secretary is authorized
20 to accept and use funds, materials, and services contrib-
21 uted by the non-Federal interest.

22 (c) **NO CREDIT OR REIMBURSEMENT.**—Any entity
23 that contributes materials, services, or funds under this
24 section shall not be eligible for credit, reimbursement, or

1 repayment for the value of those materials, services, or
2 funds.

3 **SEC. 1005. NON-FEDERAL STUDY AND CONSTRUCTION OF**
4 **PROJECTS.**

5 (a) IN GENERAL.—The Secretary may accept and ex-
6 pend funds provided by non-Federal interests to undertake
7 reviews, inspections, monitoring, and other Federal activi-
8 ties related to non-Federal interests carrying out the
9 study, design, or construction of water resources develop-
10 ment projects under section 203 or 204 of the Water Re-
11 sources Development Act of 1986 (33 U.S.C. 2231, 2232)
12 or any other Federal law.

13 (b) INCLUSION IN COSTS.—In determining credit or
14 reimbursement, the Secretary may include the amount of
15 funds provided by a non-Federal interest under this sec-
16 tion as a cost of the study, design, or construction.

17 **SEC. 1006. MUNITIONS DISPOSAL.**

18 ~~Section 1027(b) of the Water Resources Reform and~~
19 ~~Development Act of 2014 (33 U.S.C. 426e-2(b)) is~~
20 ~~amended by striking “funded” and inserting “reim-~~
21 ~~bursed”.~~

22 **SEC. 1006. MUNITIONS DISPOSAL.**

23 *Section 1027 of the Water Resources Reform and De-*
24 *velopment Act of 2014 (33 U.S.C. 426e-2) is amended—*

1 (1) *in subsection (a), in the matter preceding*
 2 *paragraph (1), by inserting “, at full Federal ex-*
 3 *pense,” after “The Secretary may”; and*

4 (2) *in subsection (b), by striking “funded” and*
 5 *inserting “reimbursed”.*

6 **SEC. 1007. CHALLENGE COST-SHARING PROGRAM FOR**
 7 **MANAGEMENT OF RECREATION FACILITIES.**

8 Section 225 of the Water Resources Development Act
 9 of 1992 (33 U.S.C. 2328) is amended—

10 (1) by redesignating subsection (c) as sub-
 11 section (d); and

12 (2) by inserting after subsection (b) the fol-
 13 lowing:

14 “(c) USER FEES.—

15 “(1) COLLECTION OF FEES.—

16 “(A) IN GENERAL.—The Secretary may
 17 allow a non-Federal public or private entity that
 18 has entered into an agreement pursuant to sub-
 19 section (b) to collect user fees for the use of de-
 20 veloped recreation sites and facilities, whether
 21 developed or constructed by that entity or the
 22 Department of the Army.

23 “(B) USE OF VISITOR RESERVATION SERV-
 24 ICES.—A public or private entity described in
 25 subparagraph (A) may use to manage fee col-

1 lections and reservations under this section any
2 visitor reservation service that the Secretary
3 has provided for by contract or interagency
4 agreement, subject to such terms and condi-
5 tions as the Secretary determines to be appro-
6 priate.

7 “(2) USE OF FEES.—A non-Federal public or
8 private entity that collects user fees under para-
9 graph (1) may—

10 “(A) retain up to 100 percent of the fees
11 collected, as determined by the Secretary; and

12 “(B) notwithstanding section 210(b)(4) of
13 the Flood Control Act of 1968 (16 U.S.C.
14 460d–3(b)(4)), use that amount for operation,
15 maintenance, and management at the recre-
16 ation site at which the fee is collected.

17 “(3) TERMS AND CONDITIONS.—The authority
18 of a non-Federal public or private entity under this
19 subsection shall be subject to such terms and condi-
20 tions as the Secretary determines necessary to pro-
21 tect the interests of the United States.”.

1 **SEC. 1008. STRUCTURES AND FACILITIES CONSTRUCTED**
2 **BY THE SECRETARY.**

3 Section 14 of the Act of March 3, 1899 (33 U.S.C.
4 408) (commonly known as the “Rivers and Harbors Act
5 of 1899”), is amended—

6 (1) by striking “That it shall not be lawful”
7 and inserting the following:

8 “(a) PROHIBITIONS AND PERMISSIONS.—It shall not
9 be lawful”; and

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

11 “(b) LOCAL FLOOD PROTECTION WORKS.—Permis-
12 sion under subsection (a) for alterations to a Federal
13 levee, floodwall, or flood risk management channel project
14 ~~and associated features~~ may be granted by a District En-
15 gineer of the Department of the Army ~~or an authorized~~
16 ~~representative~~.

17 “(c) CONCURRENT REVIEW.—

18 “(1) IN GENERAL.—In any case in which an ac-
19 tivity subject to this section requires a review under
20 the National Environmental Policy Act of 1969 (42
21 U.S.C. 4321 et seq.), review and approval under this
22 section shall, to the maximum extent practicable,
23 occur concurrently with any review and decisions
24 made under that Act.

25 “(2) CORPS OF ENGINEERS AS A COOPERATING
26 AGENCY.—If the Corps of Engineers is not the lead

1 Federal agency for an environmental review de-
2 scribed in paragraph (1), the Chief of Engineers
3 shall, to the maximum extent practicable—

4 “(A) participate in the review as a cooper-
5 ating agency (unless the Chief of Engineers
6 does not intend to submit comments on the
7 project); and

8 “(B) adopt and use any environmental
9 document prepared under the National Envi-
10 ronmental Policy Act of 1969 (42 U.S.C. 4321
11 et seq.) by the lead agency to the same extent
12 that a Federal agency could adopt or use a doc-
13 ument prepared by another Federal agency
14 under—

15 “(i) the National Environmental Pol-
16 icy Act of 1969 (42 U.S.C. 4321 et seq.);
17 and

18 “(ii) parts 1500 through 1508 of title
19 40, Code of Federal Regulations (or suc-
20 cessor regulations).”.

21 **SEC. 1009. PROJECT COMPLETION.**

22 For any project authorized under section 219 of the
23 Water Resources Development Act of 1992 (Public Law
24 102–580; 106 Stat. 4835), the authorization of appropria-

1 tions is increased by the amount, including in increments,
 2 necessary to allow completion of the project if—

3 (1) as of the date of enactment of this Act, the
 4 project has received more than \$4,000,000 in Fed-
 5 eral appropriations and those appropriations equal
 6 an amount that is greater than 80 percent of the au-
 7 thorized amount;

8 (2) significant progress has been demonstrated
 9 toward completion of the project or segments of the
 10 project but the project is not complete as of the date
 11 of enactment of this Act; and

12 (3) the benefits of the Federal investment will
 13 not be realized without an increase in the authoriza-
 14 tion of appropriations to allow completion of the
 15 project.

16 **SEC. 1010. CONTRIBUTED FUNDS.**

17 (a) USE OF CONTRIBUTED FUNDS IN ADVANCE OF
 18 APPROPRIATIONS.—Section 5 of the Act of June 22, 1936
 19 (33 U.S.C. 701h) (commonly known as the “Flood Control
 20 Act of 1936”), is amended by striking “funds appro-
 21 priated by the United States for”.

22 (b) REPORT.—Section 1015 of the Water Resources
 23 Reform and Development Act of 2014 is amended by
 24 striking subsection (b) (33 U.S.C. 701h note; Public Law
 25 113–121) and inserting the following:

1 “(b) REPORT.—Not later than February 1 of each
2 year, the Secretary shall submit to the Committees on En-
3 vironment and Public Works and Appropriations of the
4 Senate and the Committees on Transportation and Infra-
5 structure and Appropriations of the House of Representa-
6 tives a report that—

7 “(1) describes the number of agreements exe-
8 cuted in the previous fiscal year for the acceptance
9 of contributed funds under section 5 of the Act of
10 June 22, 1936 (33 U.S.C. 701h) (commonly known
11 as the ‘Flood Control Act of 1936’); and

12 “(2) includes information on the projects and
13 amounts of contributed funds referred to in para-
14 graph (1).”.

15 **SEC. 1011. APPLICATION OF CERTAIN BENEFITS AND**
16 **COSTS INCLUDED IN FINAL FEASIBILITY**
17 **STUDIES.**

18 (a) IN GENERAL.—For a navigation project author-
19 ized after November 7, 2007, involving offshore oil and
20 gas fabrication ports, the recommended plan by the Chief
21 of Engineers shall be the plan that uses the value of future
22 energy exploration and production fabrication contracts
23 and the transportation savings that would result from a
24 larger navigation channel in accordance with section 6009
25 of the Emergency Supplemental Appropriations Act for

1 Defense, the Global War on Terror, and Tsunami Relief,
2 2005 (Public Law 109–13; 119 Stat. 282).

3 (b) SPECIAL RULE.—In addition to projects de-
4 scribed in subsection (a), this section shall apply to—

5 (1) a project that has undergone an economic
6 benefits update; and

7 (2) at the request of the non-Federal sponsor,
8 any ongoing feasibility study for which the benefits
9 under section 6009 of the Emergency Supplemental
10 Appropriations Act for Defense, the Global War on
11 Terror, and Tsunami Relief, 2005 (Public Law 109–
12 13; 119 Stat. 282) may apply.

13 **SEC. 1012. LEVERAGING FEDERAL INFRASTRUCTURE FOR**
14 **INCREASED WATER SUPPLY.**

15 (a) IN GENERAL.—At the request of a non-Federal
16 interest, the Secretary shall review proposals to increase
17 the quantity of available supplies of water through—

18 (1) modification of a water resources project;

19 (2) modification of how a project is managed;

20 or

21 (3) accessing water released from a project.

22 (b) PROPOSALS INCLUDED.—A proposal under sub-
23 section (a) may include—

24 (1) increasing the storage capacity of a res-
25 ervoir owned by the Corps of Engineers;

1 (2) diversion of water released from a reservoir
2 owned by the Corps of Engineers—

3 (A) to recharge groundwater;

4 (B) to aquifer storage and recovery; or

5 (C) to any other storage facility;

6 (3) construction of facilities for delivery of
7 water from pumping stations constructed by the
8 Corps of Engineers;

9 (4) construction of facilities to access water;
10 and

11 (5) a combination of the activities described in
12 paragraphs (1) through (4).

13 (c) AUTHORITIES.—A proposal submitted to the Sec-
14 retary under subsection (a) may be reviewed or approved,
15 as appropriate, under—

16 (1) sections 203 and 204 of the Water Re-
17 sources Development Act of 1986 (33 U.S.C. 2231,
18 2232);

19 (2) section 216 of the Flood Control Act of
20 1970 (33 U.S.C. 549a);

21 (3) section 301 of the Water Supply Act of
22 1958 (43 U.S.C. 390b); and

23 (4) section 14 of the Act of March 3, 1899
24 (commonly known as the “Rivers and Harbors Ap-
25 propriation Act of 1899”) (33 U.S.C. 408).

1 (d) COST SHARE.—

2 (1) IN GENERAL.—Except as provided in para-
3 graph (2), 100 percent of the cost of developing, re-
4 viewing, and implementing a proposal under sub-
5 section (a) shall be provided by an entity other than
6 the Federal Government.

7 (2) COST ALLOCATION.—A non-Federal entity
8 shall only be required to pay to the Secretary the
9 separable costs associated with operation and main-
10 tenance of a dam that are necessary to implement
11 a proposal under subsection (a).

12 (e) CONTRIBUTED FUNDS.—The Secretary may re-
13 ceive from a non-Federal interest funds contributed by the
14 non-Federal interest for the review and approval of a pro-
15 posal submitted under subsection (a).

16 (f) STUDIES AND ENGINEERING.—

17 (1) IN GENERAL.—On request by an appro-
18 priate non-Federal interest and subject to paragraph
19 (2), the Secretary may—

20 (A) undertake all necessary studies and en-
21 gineering for construction of a proposal ap-
22 proved by the Secretary under this section; and

23 (B) provide technical assistance in obtain-
24 ing all necessary permits for the construction.

1 (2) REQUIREMENT.—Paragraph (1) shall only
 2 apply if the non-Federal interest contracts with the
 3 Secretary to provide funds for the studies, engineer-
 4 ing, or technical assistance for the period during
 5 which the studies and engineering are being con-
 6 ducted.

7 (g) EXCLUSION.—This section shall not apply to res-
 8 ervoirs owned and operated by the Corps of Engineers
 9 in—

10 (1) the Upper Missouri River;

11 (2) the ~~Apalachicola-Chattahoochee~~ *Apalachi-*
 12 *cola-Chattahoochee-Flint* river system; and

13 (3) the Alabama-Coosa-Tallapoosa river system.

14 **SEC. 1013. NEW ENGLAND DISTRICT HEADQUARTERS.**

15 (a) IN GENERAL.—Subject to subsection (b), using
 16 amounts available in the revolving fund established by sec-
 17 tion 101 of the Civil Functions Appropriations Act, 1954
 18 (33 U.S.C. 576) and not otherwise obligated, the Sec-
 19 retary may—

20 (1) design, renovate, and construct additions to
 21 2 buildings located on Hanscom Air Force Base in
 22 Bedford, Massachusetts for the headquarters of the
 23 New England District of the Army Corps of Engi-
 24 neers; and

1 (2) carry out such construction and infrastruc-
2 ture improvements as are required to support the
3 headquarters of the New England District of the
4 Army Corps of Engineers, including any necessary
5 demolition of the existing infrastructure.

6 (b) REQUIREMENT.—In carrying out subsection (a),
7 the Secretary shall ensure that the revolving fund estab-
8 lished by section 101 of the Civil Functions Appropria-
9 tions Act, 1954 (33 U.S.C. 576) is appropriately reim-
10 bursed from funds appropriated for programs that receive
11 a benefit under this section.

12 **SEC. 1014. BUFFALO DISTRICT HEADQUARTERS.**

13 (a) IN GENERAL.—Subject to subsection (b), using
14 amounts available in the revolving fund established by sec-
15 tion 101 of the Civil Functions Appropriations Act, 1954
16 (33 U.S.C. 576) and not otherwise obligated, the Sec-
17 retary may—

18 (1) design and construct a new building in Buf-
19 falo, New York, for the headquarters of the Buffalo
20 District of the Army Corps of Engineers; and

21 (2) carry out such construction and infrastruc-
22 ture improvements as are required to support the
23 headquarters and related installations and facilities
24 of the Buffalo District of the Army Corps of Engi-

1 neers, including any necessary demolition or renova-
2 tion of the existing infrastructure.

3 (b) REQUIREMENT.—In carrying out subsection (a),
4 the Secretary shall ensure that the revolving fund estab-
5 lished by section 101 of the Civil Functions Appropria-
6 tions Act, 1954 (33 U.S.C. 576) is appropriately reim-
7 bursed from funds appropriated for programs that receive
8 a benefit under this section.

9 **SEC. 1015. COMPLETION OF ECOSYSTEM RESTORATION**
10 **PROJECTS.**

11 Section 2039 of the Water Resources Development
12 Act of 2007 (33 U.S.C. 2330a) is amended by adding at
13 the end the following:

14 “(d) INCLUSIONS.—A monitoring plan under sub-
15 section (b) shall include a description of—

16 “(1) the types and number of restoration activi-
17 ties to be conducted;

18 “(2) the physical action to be undertaken to
19 achieve the restoration objectives of the project;

20 “(3) the functions and values that will result
21 from the restoration plan; and

22 “(4) a contingency plan for taking corrective
23 actions in cases in which monitoring demonstrates
24 that restoration measures are not achieving ecologi-

1 cal success in accordance with criteria described in
2 the monitoring plan.

3 “(e) CONCLUSION OF OPERATION AND MAINTENANCE
4 RESPONSIBILITY.—The responsibility of the non-
5 Federal sponsor for operation, maintenance, repair, re-
6 placement, and rehabilitation of the ecosystem restoration
7 project shall cease 10 years after the date on which the
8 Secretary makes a determination of success under sub-
9 section (b)(2).”.

10 **SEC. 1016. CREDIT FOR DONATED GOODS.**

11 Section 221(a)(4)(D)(iv) of the Flood Control Act of
12 1970 (42 U.S.C. 1962d-5b(a)(4)(D)(iv)) is amended—

13 (1) by inserting “regardless of the cost incurred
14 by the non-Federal interest,” before “shall not”; and

15 (2) by striking “costs” and inserting “value”.

16 **SEC. 1017. STRUCTURAL HEALTH MONITORING.**

17 (a) IN GENERAL.—The Secretary shall design and
18 develop a structural health monitoring program to assess
19 and improve the condition of infrastructure constructed
20 and maintained by the Corps of Engineers, including ~~de-~~
21 ~~sign and development~~ *research, design, and development* of
22 systems and frameworks for—

23 (1) response to flood and earthquake events;

24 (2) pre-disaster mitigation measures; ~~and~~

1 (3) lengthening the useful life of the
2 infrastructure; *and*

3 (4) *identifying risks due to sea level rise.*

4 (b) CONSULTATION AND CONSIDERATION.—In devel-
5 oping the program under subsection (a), the Secretary
6 shall—

7 (1) consult with academic and other experts;
8 and

9 (2) consider models for maintenance and repair
10 information, the development of degradation models
11 for real-time measurements and environmental in-
12 puts, and research on qualitative inspection data as
13 surrogate sensors.

14 **SEC. 1018. FISH AND WILDLIFE MITIGATION.**

15 Section 906 of the Water Resources Development Act
16 of 1986 (33 U.S.C. 2283) is amended—

17 (1) in subsection (h)—

18 (A) in paragraph (4)—

19 (i) by redesignating subparagraphs
20 (D) and (E) as subparagraphs (E) and
21 (F), respectively; and

22 (ii) by inserting after subparagraph
23 (C) the following:

24 “(D) include measures to protect or re-
25 store habitat connectivity”; and

1 (B) in paragraph (6)(C), by striking “im-
2 pacts” and inserting “impacts, including im-
3 pacts to habitat connectivity”; and

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

5 “(j) USE OF FUNDS.—The Secretary may use funds
6 made available for preconstruction engineering and design
7 prior to authorization of project construction to satisfy
8 mitigation requirements through third-party arrange-
9 ments or to acquire interests in land necessary for meeting
10 mitigation requirements under this section.”.

11 **SEC. 1019. NON-FEDERAL INTERESTS.**

12 Section 221(b)(1) of the Flood Control Act of 1970
13 (42 U.S.C. 1962d–5b(b)(1)) is amended by inserting “or
14 a Native village, Regional Corporation, or Village Corpora-
15 tion (as those terms are defined in section 3 of the Alaska
16 Native Claims Settlement Act (43 U.S.C. 1602))” after
17 “Indian tribe”.

18 **SEC. 1020. DISCRETE SEGMENT.**

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

21 (1) by striking “project or separable element”
22 each place it appears and inserting “project, sepa-
23 rable element, or discrete segment”;

24 (2) by striking “project, or separable element
25 thereof,” each place it appears and inserting

1 “project, separable element, or discrete segment of a
2 project”;

3 (3) in subsection (a)—

4 (A) by redesignating paragraphs (1)
5 through (3) as subparagraphs (A) through (C),
6 respectively, and indenting appropriately; and

7 (B) by striking the subsection designation
8 and all that follows through “In this section,
9 the” and inserting the following:

10 “(a) DEFINITIONS.—In this section:

11 “(1) DISCRETE SEGMENT.—The term ‘discrete
12 segment’, with respect to a project, means a physical
13 portion of the project, as described in design docu-
14 ments, that is environmentally acceptable, is com-
15 plete, will not create a hazard, and functions inde-
16 pendently so that the non-Federal sponsor can oper-
17 ate and maintain the discrete segment in advance of
18 completion of the total project or separable element
19 of the project.

20 “(2) WATER RESOURCES DEVELOPMENT
21 PROJECT.—The”;

22 (4) in subsection (b)(1), in the matter pre-
23 ceding subparagraph (A), by striking “project, or
24 separate element thereof” and inserting “project,

1 separable element, or discrete segment of a project”;
2 and

3 (5) in subsection (d)—

4 (A) in paragraph (3)(B), in the matter
5 preceding clause (i), by striking “project” and
6 inserting “project, separable element, or dis-
7 crete segment”;

8 (B) in paragraph (4), in the matter pre-
9 ceeding subparagraph (A), by striking “project,
10 or a separable element of a water resources de-
11 velopment project,” and inserting “project, sep-
12 arable element, or discrete segment of a
13 project”; and

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

15 “(5) REPAYMENT OF REIMBURSEMENT.—If the
16 non-Federal interest receives reimbursement for a
17 discrete segment of a project and fails to complete
18 the entire project or separable element of the
19 project, the non-Federal interest shall repay to the
20 Secretary the amount of the reimbursement, plus in-
21 terest.”.

22 **SEC. 1021. FUNDING TO PROCESS PERMITS.**

23 Section 214(a) of the Water Resources Development
24 Act of 2000 (33 U.S.C. 2352(a)) is amended—

1 (1) in paragraph (1), by adding at the end the
2 following:

3 “(C) RAIL CARRIER.—The term ‘rail car-
4 rier’ has the meaning given the term in section
5 10102 of title 49, United States Code.”;

6 (2) in paragraph (2), by striking “or natural
7 gas company” and inserting “, natural gas company,
8 or rail carrier”;

9 (3) in paragraph (3), by striking “or natural
10 gas company” and inserting “, natural gas company,
11 or rail carrier”; and

12 (4) in paragraph (5), by striking “and natural
13 gas companies” and inserting “, natural gas compa-
14 nies, and rail carriers, including an evaluation of the
15 compliance with all requirements of this section and,
16 with respect to a permit for those entities, the re-
17 quirements of all applicable Federal laws”.

18 **SEC. 1022. INTERNATIONAL OUTREACH PROGRAM.**

19 Section 401 of the Water Resources Development Act
20 of 1992 (33 U.S.C. 2329) is amended by striking sub-
21 section (a) and inserting the following:

22 “(a) AUTHORIZATION.—

23 “(1) IN GENERAL.—The Secretary may engage
24 in activities to inform the United States of techno-
25 logical innovations abroad that could significantly

1 improve water resources development in the United
2 States.

3 “(2) INCLUSIONS.—Activities under paragraph
4 (1) may include—

5 “(A) development, monitoring, assessment,
6 and dissemination of information about foreign
7 water resources projects that could significantly
8 improve water resources development in the
9 United States;

10 “(B) research, development, training, and
11 other forms of technology transfer and ex-
12 change; and

13 “(C) offering technical services that cannot
14 be readily obtained in the private sector to be
15 incorporated into water resources projects if the
16 costs for assistance will be recovered under the
17 terms of each project.”.

18 **SEC. 1023. WETLANDS MITIGATION.**

19 Section 2036(c) of the Water Resources Development
20 Act of 2007 (33 U.S.C. 2317b) is amended by adding at
21 the end the following:

22 “(4) MITIGATION BANKS.—

23 “(A) IN GENERAL.—Not later than 180
24 days after the date of enactment of this para-
25 graph, the Secretary shall issue implementation

1 guidance that provides for the consideration of
 2 the entire amount of potential credits available
 3 at in-kind, in-basin mitigation banks and in-lieu
 4 fee programs for water resource development
 5 project feasibility studies.

6 “(B) REQUIREMENTS.—All potential miti-
 7 gation bank and in-lieu fee credits shall be con-
 8 sidered a reasonable alternative for planning
 9 purposes if the applicable mitigation bank—

10 “(i) has an approved mitigation bank-
 11 ing instrument; and

12 “(ii) has completed a functional anal-
 13 ysis of the potential credits using the ap-
 14 proved Corps of Engineers certified habitat
 15 assessment model specific to the region.”.

16 **SEC. 1024. USE OF YOUTH SERVICE AND CONSERVATION**
 17 **CORPS.**

18 Section 213 of the Water Resources Development Act
 19 of 2000 (33 U.S.C. 2339) is amended by adding at the
 20 end the following:

21 “(d) YOUTH SERVICE AND CONSERVATION CORPS.—
 22 The Secretary shall encourage each district of the Corps
 23 of Engineers to enter into cooperative agreements author-
 24 ized under this section with qualified youth service and
 25 conservation corps to perform appropriate projects.”.

1 **SEC. 1025. DEBRIS REMOVAL.**

2 Section 3 of the Act entitled “An Act authorizing the
3 construction, repair, and preservation of certain public
4 works on rivers and harbors, and for other purposes”, ap-
5 proved March 2, 1945 (33 U.S.C. 603a), is amended—

6 (1) by striking “\$1,000,000” and inserting
7 “\$5,000,000”; and

8 (2) by ~~inserting~~ striking “accumulated snags
9 and other debris” and inserting “accumulated snags,
10 obstructions, and other debris located in or adjacent
11 to a Federal channel”; and

12 (3) by striking “or flood control” and inserting
13 “, flood control, or recreation”.

14 **SEC. 1026. OYSTER AQUACULTURE STUDY.**

15 (a) ~~IN GENERAL.~~—The Comptroller General shall
16 carry out an assessment of the oyster aquaculture indus-
17 try, including—

18 (1) an examination of Federal and State laws
19 (including regulations) in each relevant district of
20 the Corps of Engineers;

21 (2) the number, structure, funding, and regula-
22 tion of oyster hatcheries in each State;

23 (3) the number of oyster aquaculture leases in
24 place in each relevant district of the Corps of Engi-
25 neers;

1 (4) the period of time required to secure an
2 oyster aquaculture lease from each relevant jurisdic-
3 tion; and

4 (5) the experience of the private sector in ap-
5 plying for oyster aquaculture permits from different
6 jurisdictions of the Corps of Engineers and different
7 States.

8 (b) STUDY AREA.—The study area shall comprise, to
9 the maximum extent practicable, the following applicable
10 locations:

11 (1) The Chesapeake Bay.

12 (2) The Gulf Coast States.

13 (3) The State of California.

14 (4) Puget Sound.

15 (c) FINDINGS.—Not later than 225 days after the
16 date of enactment of this Act, the Comptroller General
17 shall submit to the Committees on Environment and Pub-
18 lic Works and on Energy and Natural Resources of the
19 Senate and the Committees on Transportation and Infra-
20 structure and on Natural Resources of the House of Rep-
21 resentatives a report containing the findings of the assess-
22 ment conducted under subsection (a).

1 **SEC. 1026. AQUACULTURE STUDY.**

2 (a) *IN GENERAL.*—*The Comptroller General shall*
3 *carry out an assessment of the shellfish aquaculture indus-*
4 *try, including—*

5 (1) *an examination of Federal and State laws*
6 *(including regulations) in each relevant district of the*
7 *Corps of Engineers;*

8 (2) *the number of shellfish aquaculture leases,*
9 *verifications, or permits in place in each relevant dis-*
10 *trict of the Corps of Engineers;*

11 (3) *the period of time required to secure a shell-*
12 *fish aquaculture lease, verification, or permit from*
13 *each relevant jurisdiction; and*

14 (4) *the experience of the private sector in apply-*
15 *ing for shellfish aquaculture permits from different ju-*
16 *risdictions of the Corps of Engineers and different*
17 *States.*

18 (b) *STUDY AREA.*—*The study area shall comprise, to*
19 *the maximum extent practicable, the following applicable*
20 *locations:*

21 (1) *The Chesapeake Bay.*

22 (2) *The Gulf Coast States.*

23 (3) *The State of California.*

24 (4) *The State of Washington.*

25 (c) *FINDINGS.*—*Not later than 225 days after the date*
26 *of enactment of this Act, the Comptroller General shall sub-*

1 *mit to the Committees on Environment and Public Works*
2 *and on Energy and Natural Resources of the Senate and*
3 *the Committees on Transportation and Infrastructure and*
4 *on Natural Resources of the House of Representatives a re-*
5 *port containing the findings of the assessment conducted*
6 *under subsection (a).*

7 **SEC. 1027. LEVEE VEGETATION.**

8 (a) IN GENERAL.—Section 3013(g)(1) of the Water
9 Resources Reform and Development Act of 2014 (33
10 U.S.C. 701n note; Public Law 113–121) is amended—

11 (1) by inserting “remove existing vegetation or”
12 after “the Secretary shall not”; and

13 (2) by striking “as a condition or requirement
14 for any approval or funding of a project, or any
15 other action”.

16 (b) REPORT.—Not later than 30 days after the enact-
17 ment of this Act, the Secretary shall submit to the Com-
18 mittee on Environment and Public Works of the Senate
19 and the Committee on Transportation and Infrastructure
20 of the House of Representatives a report that—

21 (1) describes the reasons for the failure of the
22 Secretary to meet the deadlines in subsection (f) of
23 section 3013 of the Water Resources Reform and
24 Development Act of 2014 (33 U.S.C. 701n note;
25 Public Law 113–121); and

1 (2) provides a plan for completion of the activi-
2 ties required in that subsection (f).

3 **SEC. 1028. PLANNING ASSISTANCE TO STATES.**

4 Section 22(a)(1) of the Water Resources Develop-
5 ment Act of 1974 (42 U.S.C. 1962d-16(a)(1)) is amend-
6 ed—

7 (1) by inserting “, a group of States, or a re-
8 gional or national consortia of States” after “work-
9 ing with a State”; and

10 (2) by striking “located within the boundaries
11 of such State”.

12 **SEC. 1029. PRIORITIZATION.**

13 Section 1011 of the Water Resources Reform and De-
14 velopment Act of 2014 (33 U.S.C. 2341a) is amended—

15 (1) in subsection (a)—

16 (A) in paragraph (1)(C), by inserting “re-
17 store or” before “prevent the loss”; and

18 (B) in paragraph (2)—

19 (i) in the matter preceding subpara-
20 graph (A), by striking “the date of enact-
21 ment of this Act” and inserting “the date
22 of enactment of the Water Resources De-
23 velopment Act of 2016”; and

1 (ii) in subparagraph (A)(ii), by strik-
2 ing “that—” and all that follows through
3 “(II)” and inserting “that”; and

4 (2) in subsection (b)—

5 (A) in paragraph (1), by redesignating
6 subparagraphs (A) through (C) as clauses (i)
7 through (iii), respectively, and indenting appro-
8 priately;

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

12 (C) in the matter preceding subparagraph
13 (A) (as so redesignated), by striking “For” and
14 inserting the following:

15 “(1) IN GENERAL.—For”; and

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

17 “(2) EXPEDITED CONSIDERATION OF CUR-
18 RENTLY AUTHORIZED PROGRAMMATIC AUTHORI-
19 TIES.—Not later than 180 days after the date of en-
20 actment of the Water Resources Development Act of
21 2016, the Secretary shall submit to the Committee
22 on Environment and Public Works of the Senate
23 and the Committee on Transportation and Infra-
24 structure of the House of Representatives a report
25 that contains—

1 “(A) a list of all programmatic authorities
2 for aquatic ecosystem restoration or improve-
3 ment of the environment that—

4 “(i) were authorized or modified in
5 the Water Resources Development Act of
6 2007 (Public Law 110–114; 121 Stat.
7 1041) or any subsequent Act; and

8 “(ii) that meet the criteria described
9 in paragraph (1); and

10 “(B) a plan for expeditiously completing
11 the projects under the authorities described in
12 subparagraph (A), subject to available fund-
13 ing.”.

14 **SEC. 1030. KENNEWICK MAN.**

15 (a) DEFINITIONS.—In this section:

16 (1) CLAIMANT TRIBES.—The term “claimant
17 tribes” means the Indian tribes and band referred to
18 in the letter from Secretary of the Interior Bruce
19 Babbitt to Secretary of the Army Louis Caldera, re-
20 lating to the human remains and dated September
21 21, 2000.

22 (2) DEPARTMENT.—The term “Department”
23 means the Washington State Department of Archae-
24 ology and Historic Preservation.

1 (3) HUMAN REMAINS.—The term “human re-
2 mains” means the human remains that—

3 (A) are known as Kennewick Man or the
4 Ancient One, which includes the projectile point
5 lodged in the right ilium bone, as well as any
6 residue from previous sampling and studies;
7 and

8 (B) are part of archaeological collection
9 number 45BN495.

10 (b) TRANSFER.—Notwithstanding any other provi-
11 sion of Federal law or law of the State of Washington,
12 including the Native American Graves Protection and Re-
13 patriation Act (25 U.S.C. 3001 et seq.), not later than
14 90 days after the date of enactment of this Act, the Sec-
15 retary, acting through the Chief of Engineers, shall trans-
16 fer the human remains to the Department, on the condi-
17 tion that the Department, acting through the State His-
18 toric Preservation Officer, disposes of the remains and re-
19 patriates the remains to claimant tribes.

20 (c) COST.—The Corps of Engineers shall be respon-
21 sible for any costs associated with the transfer.

22 (d) LIMITATIONS.—

23 (1) IN GENERAL.—The transfer shall be limited
24 solely to the human remains portion of the archae-
25 ological collection.

1 (2) CORPS OF ENGINEERS.—The Corps of En-
2 gineers shall have no further responsibility for the
3 human remains transferred pursuant to subsection
4 (b) after the date of the transfer.

5 **SEC. 1031. REVIEW OF CORPS OF ENGINEERS ASSETS.**

6 Section 6002(b) of the Water Resources Reform and
7 Development Act of 2014 (Public Law 113–121; 128 Stat.
8 1349) is amended by adding at the end the following:

9 “(6) The extent to which the property has eco-
10 nomic, cultural, historic, or recreational significance
11 or impacts at the national, State, or local level.”.

12 **SEC. 1032. REVIEW OF RESERVOIR OPERATIONS.**

13 (a) IN GENERAL.—The Secretary, in consultation
14 with the heads of other Federal agencies, as appropriate,
15 shall review the operation of a reservoir, including the
16 water control manual and rule curves, using the best avail-
17 able science, including improved weather forecasts and
18 run-off forecasting methods in any case in which the Sec-
19 retary receives a request for such a review from a non-
20 Federal entity.

21 (b) PRIORITY.—In conducting reviews under sub-
22 section (a), the Secretary shall give priority to reservoirs—

23 (1) located in areas with prolonged drought
24 conditions; and

1 (2) for which no such review has occurred dur-
2 ing the 10-year period preceding the date of the re-
3 quest.

4 (c) DESCRIPTION OF BENEFITS.—In conducting the
5 review under subsection (a), the Secretary shall determine
6 if a change in operations, including the use of improved
7 weather forecasts and run-off forecasting methods, will en-
8 hance 1 or more existing authorized project purposes, in-
9 cluding—

10 (1) flood risk reduction;

11 (2) water supply;

12 (3) recreation; and

13 (4) fish and wildlife protection and mitigation.

14 (d) CONSULTATION.—*In carrying out a review under*
15 *subsection (a) and prior to implementing a change in oper-*
16 *ations under subsection (f), the Secretary shall consult with*
17 *all affected interests, including—*

18 (1) *non-Federal entities responsible for oper-*
19 *ations and maintenance costs of a Federal facility;*

20 (2) *individuals and entities with storage entitle-*
21 *ments; and*

22 (3) *local agencies with flood control responsibil-*
23 *ities downstream of a facility.*

24 (e) RESULTS REPORTED.—*Not later than 90 days*

1 ~~(d)~~ RESULTS REPORTED.—Not later than 90 days
2 after completion of a review under this section, the Sec-
3 retary shall post a report on the Internet regarding the
4 results of the review.

5 ~~(e)~~(f) MANUAL UPDATE.—As soon as practicable, but
6 not later than 3 years after the date on which a report
7 under subsection ~~(d)~~ (e) is posted on the Internet, pursu-
8 ant to the procedures required under existing authorities,
9 if the Secretary determines based on that report that
10 using the best available science, including improved weath-
11 er and run-off forecasting methods, improves 1 or more
12 existing authorized purposes at a reservoir, the Secretary
13 shall—

14 (1) incorporate those methods in the operation
15 of the reservoir; and

16 (2) as appropriate, update or revise operational
17 documents, including water control plans, water con-
18 trol manuals, water control diagrams, release sched-
19 ules, rule curves, and operational agreements with
20 non-Federal entities.

21 ~~(f)~~(g) FUNDING.—The Secretary may accept and ex-
22 pend amounts from non-Federal entities and other Fed-
23 eral agencies to fund all or a portion of the cost of car-
24 rying out a review under subsection (a) or an update or

1 revision of operational documents under subsection ~~(e)~~ (f),
 2 including any associated environmental documentation.

3 ~~(g)~~(h) EFFECT.—

4 (1) MANUAL UPDATES.—An update under sub-
 5 section ~~(e)~~(2) (f)(2) shall not interfere with the au-
 6 thorized purposes of a project.

7 (2) EFFECT OF SECTION.—Nothing in this sec-
 8 tion—

9 (A) authorizes the Secretary to carry out
 10 any project or activity for a purpose not other-
 11 wise authorized as of the date of enactment of
 12 this Act; or

13 (B) affects or modifies any obligation of
 14 the Secretary under Federal or State law.

15 ~~(h)~~(i) EXCLUSION.—This section shall not apply to
 16 reservoirs owned and operated by the Corps of Engineers
 17 in—

18 (1) the Upper Missouri River;

19 (2) the ~~Apalachicola-Chattahoochee~~ *Apalachi-*
 20 *cola-Chattahoochee-Flint* river system; and

21 (3) the Alabama-Coosa-Tallapoosa river system.

22 **SEC. 1033. TRANSFER OF EXCESS CREDIT.**

23 Section 1020 of the Water Resources Reform and De-
 24 velopment Act of 2014 (33 U.S.C. 2223) is amended—

25 (1) in subsection (a)—

1 (A) by striking the subsection designation
 2 and heading and all that follows through “Sub-
 3 ject to subsection (b)” and inserting the fol-
 4 lowing:

5 “(a) APPLICATION OF CREDIT.—

6 “(1) IN GENERAL.—Subject to subsection (b)”;
 7 and

8 (B) by adding at the end the following:

9 “(2) REASONABLE INTERVALS.—On request
 10 from a non-Federal interest, the credit described in
 11 subsection (a) may be applied at reasonable intervals
 12 as those intervals occur and are identified as being
 13 in excess of the required non-Federal cost share
 14 prior to completion of the study or project if the
 15 credit amount is verified by the Secretary.”;

16 (2) by striking subsection (d); and

17 (3) by redesignating subsection (e) as sub-
 18 section (d).

19 **SEC. 1034. SURPLUS WATER STORAGE.**

20 Section 1046(c) of the Water Resources Reform and
 21 Development Act of 2014 (Public Law 113–121; 128 Stat.
 22 1254) is amended by adding at the end the following:

23 “(5) TIME LIMIT.—

24 “(A) IN GENERAL.—If the Secretary has
 25 documented the volume of surplus water avail-

1 able, not later than 60 days after the date on
2 which the Secretary receives a request for a
3 contract and easement, the Secretary shall issue
4 a decision on the request.

5 “(B) OUTSTANDING INFORMATION.—If the
6 Secretary has not documented the volume of
7 surplus water available, not later than 30 days
8 after the date on which the Secretary receives
9 a request for a contract and easement, the Sec-
10 retary shall provide to the requester—

11 “(i) an identification of any out-
12 standing information that is needed to
13 make a final decision;

14 “(ii) the date by which the informa-
15 tion referred to in clause (i) shall be ob-
16 tained; and

17 “(iii) the date by which the Secretary
18 will make a final decision on the request.”.

19 **SEC. 1035. HURRICANE AND STORM DAMAGE REDUCTION.**

20 Section 3(c)(2)(B) of the Act of August 13, 1946 (33
21 U.S.C. 426g(c)(2)(B)) is amended by striking
22 “\$5,000,000” and inserting “\$10,000,000”.

23 **SEC. 1036. FISH HATCHERIES.**

24 (a) IN GENERAL.—Notwithstanding any other provi-
25 sion of law, the Secretary may operate a fish hatchery for

1 the purpose of restoring a population of fish species lo-
2 cated in the region surrounding the fish hatchery that is
3 listed as a threatened species or an endangered species
4 under the Endangered Species Act of 1973 (16 U.S.C.
5 1531 et seq.) or a similar State law.

6 (b) COSTS.—A non-Federal entity, another Federal
7 agency, or a group of non-Federal entities or other Fed-
8 eral agencies shall be responsible for 100 percent of the
9 additional costs associated with managing a fish hatchery
10 for the purpose described in subsection (a) that are not
11 authorized as of the date of enactment of this Act for the
12 fish hatchery.

13 **SEC. 1037. FEASIBILITY STUDIES AND WATERSHED ASSESS-**
14 **MENTS.**

15 (a) VERTICAL INTEGRATION AND ACCELERATION OF
16 STUDIES.—Section 1001(d) of the Water Resources Re-
17 form and Development Act of 2014 (33 U.S.C. 2282c(d))
18 is amended by striking paragraph (3) and inserting the
19 following:

20 “(3) REPORT.—Not later than February 1 of
21 each year, the Secretary shall submit to the Com-
22 mittee on Environment and Public Works of the
23 Senate and the Committee on Transportation and
24 Infrastructure of the House of Representatives a re-
25 port that identifies any feasibility study for which

1 the Secretary in the preceding fiscal year approved
2 an increase in cost or extension in time as provided
3 under this section, including an identification of the
4 specific 1 or more factors used in making the deter-
5 mination that the project is complex.”.

6 (b) COST SHARING.—Section 105(a)(1)(A) of the
7 Water Resources Development Act of 1986 (33 U.S.C.
8 2215(a)(1)(A)) is amended—

9 (1) by striking the subparagraph designation
10 and heading and all that follows through “The Sec-
11 retary” and inserting the following:

12 “(A) REQUIREMENT.—

13 “(i) IN GENERAL.—Except as pro-
14 vided in clause (ii), the Secretary”; and

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

16 “(ii) EXCEPTION.—For the purpose of
17 meeting or otherwise communicating with
18 prospective non-Federal sponsors to iden-
19 tify the scope of a potential water re-
20 sources project feasibility study, identifying
21 the Federal interest, developing the cost
22 sharing agreement, and developing the
23 project management plan, the first
24 \$100,000 of the feasibility study shall be a
25 Federal expense.”.

1 (c) NON-FEDERAL SHARE.—Section 729(f)(1) of the
2 Water Resources Development Act of 1986 (33 U.S.C.
3 2267a(f)(1)) is amended by inserting before the period at
4 the end “, except that the first \$100,000 of the assess-
5 ment shall be a Federal expense”.

6 **SEC. 1038. SHORE DAMAGE PREVENTION OR MITIGATION.**

7 *Section 111 of the River and Harbor Act of 1968 (33*
8 *U.S.C. 426i) is amended—*

9 *(1) in subsection (b), by striking “measures” and*
10 *all that follows through “project” and inserting*
11 *“measures, including a study, shall be cost-shared in*
12 *the same proportion as the cost-sharing provisions*
13 *applicable to construction of the project”; and*

14 *(2) by adding at the end the following:*

15 *“(e) REIMBURSEMENT FOR FEASIBILITY STUDIES.—*
16 *Beginning on the date of enactment of this subsection, in*
17 *any case in which the Secretary implements a project under*
18 *this section, the Secretary shall reimburse or credit the non-*
19 *Federal interest for any amounts contributed for the study*
20 *evaluating the damage in excess of the non-Federal share*
21 *of the costs, as determined under subsection (b).”.*

1 **TITLE II—NAVIGATION**

2 **SEC. 2001. PROJECTS FUNDED BY THE INLAND WATERWAYS**

3 **TRUST FUND.**

4 Beginning on June 10, 2014, and ending on the date
5 that is 15 years after the date of enactment of this Act,
6 section 1001(b)(2) of the Water Resources Development
7 Act of 1986 (33 U.S.C. 579a(b)(2)) shall not apply to any
8 project authorized to receive funding from the Inland Wa-
9 terways Trust Fund established by section 9506(a) of the
10 Internal Revenue Code of 1986.

11 **SEC. 2002. OPERATION AND MAINTENANCE OF FUEL-TAXED**

12 **INLAND WATERWAYS.**

13 Section 102(c) of the Water Resources Development
14 Act of 1986 (33 U.S.C. 2212(c)) is amended by adding
15 at the end the following:

16 “(3) CREDIT OR REIMBURSEMENT.—The Fed-
17 eral share of operation and maintenance carried out
18 by a non-Federal interest under this subsection after
19 the date of enactment of the Water Resources Re-
20 form and Development Act of 2014 shall be eligible
21 for reimbursement or for credit toward—

22 “(A) the non-Federal share of future oper-
23 ation and maintenance under this subsection; or

24 “(B) any measure carried out by the Sec-
25 retary under section 3017(a) of the Water Re-

1 sources Reform and Development Act of 2014
2 (33 U.S.C. 3303a note; Public Law 113–
3 121).”.

4 **SEC. 2003. FUNDING FOR HARBOR MAINTENANCE PRO-**
5 **GRAMS.**

6 Section 2101 of the Water Resources Reform and De-
7 velopment Act of 2014 (33 U.S.C. 2238b) is amended—

8 (1) in subsection (b)(1), in the matter pre-
9 ceding subparagraph (A), by striking “The target
10 total” and inserting “Except as provided in sub-
11 section (c), the target total”;

12 (2) by redesignating subsection (c) as sub-
13 section (d); and

14 (3) by inserting after subsection (b) the fol-
15 lowing:

16 “(c) EXCEPTION.—If the target total budget re-
17 sources for a fiscal year described in subparagraphs (A)
18 through (J) of subsection (b)(1) is lower than the target
19 total budget resources for the previous fiscal year, then
20 the target total budget resources shall be adjusted to be
21 equal to the lesser of—

22 “(1) 103 percent of the total budget resources
23 appropriated for the previous fiscal year; or

1 “(2) 100 percent of the total amount of harbor
2 maintenance taxes received in the previous fiscal
3 year.”.

4 **SEC. 2004. DREDGED MATERIAL DISPOSAL.**

5 Disposal of dredged material shall not be considered
6 environmentally acceptable if the disposal violates applica-
7 ble State water quality standards approved by the Admin-
8 istrator of the Environmental Protection Agency under
9 section 303 of the Federal Water Pollution Control Act
10 (33 U.S.C. 1313).

11 **SEC. 2005. CAPE ARUNDEL DISPOSAL SITE, MAINE.**

12 (a) DEADLINE.—The Cape Arundel Disposal Site se-
13 lected by the Department of the Army as an alternative
14 dredged material disposal site under section 103(b) of the
15 Marine Protection, Research, and Sanctuaries Act of 1972
16 (33 U.S.C. 1413(b)) and reopened pursuant to section 113
17 of the Energy and Water Development and Related Agen-
18 cies Appropriations Act, 2014 (Public Law 113–76; 128
19 Stat. 158) (referred to in this section as the “Site”) may
20 remain open until the earlier of—

21 (1) the date on which the Site does not have
22 any remaining disposal capacity;

23 (2) the date on which an environmental impact
24 statement designating an alternative dredged mate-

1 rial disposal site for southern Maine has been com-
2 pleted; or

3 (3) the date that is 5 years after the date of en-
4 actment of this Act.

5 (b) LIMITATIONS.—The use of the Site as a dredged
6 material disposal site under subsection (a) shall be subject
7 to the conditions that—

8 (1) conditions at the Site remain suitable for
9 the continued use of the Site as a dredged material
10 disposal site; and

11 (2) the Site not be used for the disposal of
12 more than 80,000 cubic yards from any single
13 dredging project.

14 **SEC. 2006. MAINTENANCE OF HARBORS OF REFUGE.**

15 The Secretary is authorized to maintain federally au-
16 thorized harbors of refuge.

17 **SEC. 2007. AIDS TO NAVIGATION.**

18 (a) IN GENERAL.—The Secretary shall—

19 (1) consult with the Commandant of the Coast
20 Guard regarding navigation on the Ouachita-Black
21 Rivers; and

22 (2) share information regarding the assistance
23 that the Secretary can provide regarding the place-
24 ment of any aids to navigation on the rivers referred
25 to in paragraph (1).

1 (b) REPORT.—Not later than 1 year after the date
2 of enactment of this Act, the Secretary shall submit to
3 the Committee on Environment and Public Works of the
4 Senate and the Committee on Transportation and Infra-
5 structure of the House of Representatives a report on the
6 outcome of the consultation under subsection (a).

7 **SEC. 2008. BENEFICIAL USE OF DREDGED MATERIAL.**

8 Section 204(d) of the Water Resources Development
9 Act of 1992 (33 U.S.C. 2326(d)) is amended by adding
10 at the end the following:

11 “(3) SPECIAL RULE.—Disposal of dredged ma-
12 terial under this subsection may include a single or
13 periodic application of sediment for beneficial use
14 and shall not require operation and maintenance.

15 “(4) DISPOSAL AT NON-FEDERAL COST.—The
16 Secretary may accept funds from a non-Federal in-
17 terest to dispose of dredged material as provided
18 under section 103(d)(1) of the Water Resources De-
19 velopment Act of 1986 (33 U.S.C. 2213(d)(1)).”.

20 **SEC. 2009. OPERATION AND MAINTENANCE OF HARBOR**
21 **PROJECTS.**

22 Section 210(c)(3) of the Water Resources Develop-
23 ment Act of 1986 (33 U.S.C. 2238(c)(3)) is amended—

24 (1) by striking “2022” and inserting “2025”;
25 and

1 (2) by striking “2012” and inserting “2015”.

2 **SEC. 2010. ADDITIONAL MEASURES AT DONOR PORTS AND**
 3 **ENERGY TRANSFER PORTS.**

4 Section 2106 of the Water Resources Reform and De-
 5 velopment Act of 2014 (33 U.S.C. 2238c) is amended—

6 (1) in subsection (a)(4)(A), by striking “Code
 7 of Federal Regulation” and inserting “Code of Fed-
 8 eral Regulations”; and

9 (2) in subsection (f)—

10 (A) in paragraph (1), by striking “2018”
 11 and inserting “2025”; and

12 (B) in paragraph (3)—

13 (i) by striking “2015 through 2018”
 14 and inserting “2016 through 2020”; and

15 (ii) by striking “2019 through 2022”
 16 and inserting “2021 through 2025”.

17 **SEC. 2011. HARBOR DEEPENING.**

18 ~~Section 101(a)(1) of the Water Resources Develop-~~
 19 ~~ment Act of 1986 (33 U.S.C. 2211(a)(1)) is amended—~~

20 *(a) IN GENERAL.—Section 101(a)(1) of the Water Re-*
 21 *sources Development Act of 1986 (33 U.S.C. 2211(a)(1)) is*
 22 *amended—*

23 (1) in the matter preceding subparagraph (A),
 24 by striking “the date of enactment of this Act” and
 25 inserting “the date of enactment of the Water Re-

1 sources Reform and Development Act of 2014 (Pub-
2 lic Law 113–121; 128 Stat. 1193)”;

3 (2) in subparagraph (B), by striking “45 feet”
4 and inserting “50 feet”; and

5 (3) in subparagraph (C), by striking “45 feet”
6 and inserting “50 feet”.

7 (b) *DEFINITION OF DEEP-DRAFT HARBOR.*—Section
8 214(1) of the Water Resources Development Act of 1986 (33
9 U.S.C. 2241(1)) is amended by striking “45 feet” and in-
10 serting “50 feet”.

11 **SEC. 2012. OPERATIONS AND MAINTENANCE OF INLAND**
12 **MISSISSIPPI RIVER PORTS.**

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

14 (1) **INLAND MISSISSIPPI RIVER.**—The term “in-
15 land Mississippi River” means the portion of the
16 Mississippi River that begins at the confluence of
17 the Minnesota River and ends at the confluence of
18 the Red River.

19 (2) **SHALLOW DRAFT.**—The term “shallow
20 draft” means a project that has a depth of less than
21 14 feet.

22 (b) **DREDGING ACTIVITIES.**—The Secretary shall
23 carry out dredging activities on shallow draft ports located
24 on the inland Mississippi River to the respective author-

1 ized widths and depths of those inland ports, as authorized
2 on the date of enactment of this Act.

3 (c) AUTHORIZATION OF APPROPRIATIONS.—For each
4 fiscal year, there is authorized to be appropriated to the
5 Secretary to carry out this section \$25,000,000.

6 **SEC. 2013. IMPLEMENTATION GUIDANCE.**

7 Section 2102 of the Water Resources Reform and De-
8 velopment Act of 2014 (Public Law 113–121; 128 Stat.
9 1273) is amended by adding at the end the following:

10 “(d) GUIDANCE.—Not later than 90 days after the
11 date of enactment of the Water Resources Development
12 Act of 2016 the Secretary shall publish on the website of
13 the Corps of Engineers guidance on the implementation
14 of this section and the amendments made by this sec-
15 tion.”.

16 **SEC. 2014. REMOTE AND SUBSISTENCE HARBORS.**

17 Section 2006 of the Water Resources Development
18 Act of 2007 (33 U.S.C. 2242) is amended—

19 (1) in subsection (a)(3), by inserting “in which
20 the project is located or of a community that is lo-
21 cated in the region that is served by the project and
22 that will rely on the project” after “community”;
23 and

24 (2) in subsection (b)—

1 (A) in paragraph (1), by inserting “or of
2 a community that is located in the region to be
3 served by the project and that will rely on the
4 project” after “community”;

5 (B) in paragraph (4), by striking “local
6 population” and inserting “regional population
7 to be served by the project”; and

8 (C) in paragraph (5), by striking “commu-
9 nity” and inserting “local community or to a
10 community that is located in the region to be
11 served by the project and that will rely on the
12 project”.

13 **SEC. 2015. NON-FEDERAL INTEREST DREDGING AUTHOR-**
14 **ITY.**

15 (a) **IN GENERAL.**—The Secretary may permit a non-
16 Federal interest to carry out, for an authorized navigation
17 project (or a separable element of an authorized naviga-
18 tion project), such maintenance activities as are necessary
19 to ensure that the project is maintained to not less than
20 the minimum project dimensions.

21 (b) **COST LIMITATIONS.**—Except as provided in this
22 section and subject to the availability of appropriations,
23 the costs incurred by a non-Federal interest in performing
24 the maintenance activities described in subsection (a) shall
25 be eligible for reimbursement, not to exceed an amount

1 that is equal to the estimated Federal cost for the per-
2 formance of the maintenance activities.

3 (c) AGREEMENT.—Before initiating maintenance ac-
4 tivities under this section, the non-Federal interest shall
5 enter into an agreement with the Secretary that specifies,
6 for the performance of the maintenance activities, the
7 terms and conditions that are acceptable to the non-Fed-
8 eral interest and the Secretary.

9 (d) PROVISION OF EQUIPMENT.—In carrying out
10 maintenance activities under this section, a non-Federal
11 interest shall—

12 (1) provide equipment at no cost to the Federal
13 Government; and

14 (2) hold and save the United States free from
15 any and all damage that arises from the use of the
16 equipment of the non-Federal interest, except for
17 damage due to the fault or negligence of a con-
18 tractor of the Federal Government.

19 (e) REIMBURSEMENT ELIGIBILITY LIMITATIONS.—
20 Costs that are directly related to the operation and main-
21 tenance of a dredge, based on the period of time the
22 dredge is used in the performance of work for the Federal
23 Government during a given fiscal year, are eligible for re-
24 imbursement under this section.

1 (e) *REIMBURSEMENT ELIGIBILITY LIMITATIONS.*—
2 *Costs that are eligible for reimbursement under this section*
3 *are those costs directly related to the costs associated with*
4 *operation and maintenance of the dredge based on the lesser*
5 *of the period of time for which—*

6 (1) *the dredge is being used in the performance*
7 *of work for the Federal Government during a given*
8 *fiscal year; and*

9 (2) *the actual fiscal year Federal appropriations*
10 *identified for that portion of maintenance dredging*
11 *that are made available.*

12 (f) ~~MONITORING~~ *AUDIT.*—Not earlier than 5 years
13 after the date of enactment of this Act, the Secretary may
14 conduct an audit on any maintenance activities for an au-
15 thorized navigation project (or a separable element of an
16 authorized navigation project) carried out under this sec-
17 tion to determine if permitting a non-Federal interest to
18 carry out maintenance activities under this section has re-
19 sulted in—

20 (1) *improved reliability and safety for naviga-*
21 *tion; and*

22 (2) *cost savings to the Federal Government.*

23 (g) *TERMINATION OF AUTHORITY.*—The authority of
24 the Secretary under this section terminates on the date
25 that is 10 years after the date of enactment of this Act.

1 **SEC. 2016. TRANSPORTATION COST SAVINGS.**

2 Section 210(e)(3)(A) of the Water Resources Devel-
 3 opment Act of 1986 (~~33 U.S.C. 2238(e)(3)(A)~~) is amend-
 4 ed—

5 (1) in clause (iii), by striking “and” at the end;

6 (2) in clause (iv), by striking the period at the
 7 end and inserting “; and”; and

8 (3) by adding at the end the following:

9 “(v) identifies, to the maximum extent
 10 practicable, transportation cost savings re-
 11 alized by achieving and maintaining the
 12 constructed width and depth for the har-
 13 bors and inland harbors referred to in sub-
 14 section (a)(2), on a project-by-project
 15 basis.”

16 **SEC. 2016. TRANSPORTATION COST SAVINGS.**

17 Section 210(e)(3) of the Water Resources Development
 18 Act of 1986 (~~33 U.S.C. 2238(e)(3)~~) is amended—

19 (1) by redesignating subparagraph (B) as sub-
 20 paragraph (C); and

21 (2) by inserting after subparagraph (A) the fol-
 22 lowing:

23 “(B) *ADDITIONAL REQUIREMENT.*—For the
 24 first report following the date of enactment of the
 25 Water Resources Development Act of 2016, in the
 26 report submitted under subparagraph (A), the

1 *Secretary shall identify, to the maximum extent*
2 *practicable, transportation cost savings realized*
3 *by achieving and maintaining the constructed*
4 *width and depth for the harbors and inland har-*
5 *bors referred to in subsection (a)(2), on a project-*
6 *by-project basis.”.*

7 **SEC. 2017. DREDGED MATERIAL.**

8 (a) IN GENERAL.—Notwithstanding part 335 of title
9 33, Code of Federal Regulations, the Secretary may place
10 dredged material from the operation and maintenance of
11 an authorized Federal water resources project at another
12 authorized water resource project if the Secretary deter-
13 mines that—

14 (1) the placement of the dredged material
15 would—

16 (A)(i) enhance protection from flooding
17 caused by storm surges or sea level rise; or

18 (ii) significantly contribute to shoreline re-
19 siliency, including the resilience and restoration
20 of wetland; and

21 (B) be in the public interest; and

22 (2) the cost associated with the placement of
23 the dredged material is reasonable in relation to the
24 associated environmental, flood protection, and resil-
25 iency benefits.

1 (b) ADDITIONAL COSTS.—If the cost of placing the
 2 dredged material at another authorized water resource
 3 project exceeds the cost of depositing the dredged material
 4 in accordance with the Federal standard (as defined in
 5 section 335.7 of title 33, Code of Federal Regulations (as
 6 in effect on the date of enactment of this Act)), the Sec-
 7 retary shall not require a non-Federal entity to bear any
 8 of the increased costs associated with the placement of the
 9 dredged material.

10 **TITLE III—SAFETY** 11 **IMPROVEMENTS**

12 **SEC. 3001. REHABILITATION ASSISTANCE FOR NON-FED-** 13 **ERAL FLOOD CONTROL PROJECTS.**

14 (a) IN GENERAL.—Section 5 of the Act of August
 15 18, 1941 (33 U.S.C. 701n), is amended—

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

18 “(3) DEFINITION OF NONSTRUCTURAL ALTER-
 19 NATIVES.—In this subsection, ‘nonstructural alter-
 20 natives’ includes efforts to restore or protect natural
 21 resources including streams, rivers, floodplains, wet-
 22 lands, or coasts, if those efforts will reduce flood
 23 risk.”; and

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

1 “(d) INCREASED LEVEL OF PROTECTION.—In con-
2 ducting repair or restoration work under subsection (a),
3 at the request of the non-Federal sponsor, the Secretary
4 may increase the level of protection above the level to
5 which the system was designed, or, if the repair and reha-
6 bilitation includes repair or rehabilitation of a pumping
7 station, will increase the capacity of a pump, if—

8 “(1) the Chief of Engineers determines the im-
9 provements are in the public interest, including con-
10 sideration of whether—

11 “(A) the authority under this section has
12 been used more than once at the same location;

13 “(B) there is an opportunity to decrease
14 significantly the risk of loss of life and property
15 damage; or

16 “(C) there is an opportunity to decrease
17 total life cycle rehabilitation costs for the
18 project; and

19 “(2) the non-Federal sponsor agrees to pay the
20 difference between the cost of repair, restoration, or
21 rehabilitation to the original design level or original
22 capacity and the cost of achieving the higher level of
23 protection or capacity sought by the non-Federal
24 sponsor.

1 “(e) NOTICE.—The Secretary shall notify the non-
2 Federal sponsor of the opportunity to request implementa-
3 tion of nonstructural alternatives to the repair or restora-
4 tion of the flood control work under subsection (a).”.

5 (b) PROJECTS IN COORDINATION WITH CERTAIN RE-
6 HABILITATION REQUIREMENTS.—

7 (1) IN GENERAL.—In any case in which the
8 Secretary has completed a study determining a
9 project for flood damage reduction is feasible and
10 such project is designed to protect the same geo-
11 graphic area as work to be performed under section
12 5(c) of the Act of August 18, 1941 (33 U.S.C.
13 701n(e)), the Secretary may, if the Secretary deter-
14 mines that the action is in the public interest, carry
15 out such project with the work being performed
16 under section 5(c) of that Act, subject to the limita-
17 tions in paragraph (2).

18 (2) COST-SHARING.—The cost to carry out a
19 project under paragraph (1) shall be shared in ac-
20 cordance with section 103 of the Water Resources
21 Development Act of 1986 (33 U.S.C. 2213).

22 **SEC. 3002. REHABILITATION OF EXISTING LEVEES.**

23 Section 3017 of the Water Resources Reform and De-
24 velopment Act of 2014 (33 U.S.C. 3303a note; Public Law
25 113–121) is amended—

1 (1) in subsection (a), by striking “if the Sec-
2 retary determines the necessary work is technically
3 feasible, environmentally acceptable, and economi-
4 cally justified”;

5 (2) in subsection (b)—

6 (A) by striking “This section” and insert-
7 ing the following:

8 “(1) IN GENERAL.—This section”; and

9 (B) by adding at the end the following:

10 “(2) REQUIREMENT.—A measure carried out
11 under subsection (a) shall be implemented in the
12 same manner as the repair or restoration of a flood
13 control work pursuant to section 5 of the Act of Au-
14 gust 18, 1941 (33 U.S.C. 701n).”;

15 (3) in subsection (c)(1), by striking “The non-
16 Federal” and inserting “Notwithstanding subsection
17 (b)(2), the non-Federal”; and

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

19 “(f) AUTHORIZATION OF APPROPRIATIONS.—There
20 is authorized to be appropriated to the Secretary to carry
21 out this section \$125,000,000.”.

22 **SEC. 3003. MAINTENANCE OF HIGH RISK FLOOD CONTROL**
23 **PROJECTS.**

24 In any case in which the Secretary is responsible, as
25 of the date of enactment of this Act, for the maintenance

1 of a project classified as class III under the Dam Safety
 2 Action Classification of the Corps of Engineers, the Sec-
 3 retary shall continue to be responsible for the maintenance
 4 until the earlier of the date that—

5 (1) the project is modified to reduce that risk
 6 and the Secretary determines that the project is no
 7 longer classified as class III under the Dam Safety
 8 Action Classification of the Corps of Engineers; and

9 (2) is 15 years after the date of enactment of
 10 this Act.

11 **SEC. 3004. REHABILITATION OF HIGH HAZARD POTENTIAL**
 12 **DAMS.**

13 (a) DEFINITIONS.—Section 2 of the National Dam
 14 Safety Program Act (33 U.S.C. 467) is amended—

15 (1) by redesignating paragraphs (4), (5), (6),
 16 (7), (8), (9), (10), (11), (12), and (13) as para-
 17 graphs (5), (6), (7), (8), (9), (11), (13), (14), (15),
 18 and (16), respectively;

19 (2) by inserting after paragraph (3) the fol-
 20 lowing:

21 “(4) ELIGIBLE HIGH HAZARD POTENTIAL
 22 DAM.—

23 “(A) IN GENERAL.—The term ‘eligible
 24 high hazard potential dam’ means a non-Fed-
 25 eral dam that—

1 “(i) is located in a State with a State
2 dam safety program;

3 “(ii) is classified as ‘high hazard po-
4 tential’ by the State dam safety agency in
5 the State in which the dam is located;

6 “(iii) has an emergency action plan
7 approved by the relevant State dam safety
8 agency; and

9 “(iv) the State in which the dam is lo-
10 cated determines—

11 “(I) fails to meet minimum dam
12 safety standards of the State; and

13 “(II) poses an unacceptable risk
14 to the public.

15 “(B) EXCLUSION.—The term ‘eligible high
16 hazard potential dam’ does not include—

17 “(i) a licensed hydroelectric dam; or

18 “(ii) a dam built under the authority
19 of the Secretary of Agriculture.”;

20 (3) by inserting after paragraph (9) (as redesign-
21 nated by paragraph (1)) the following:

22 “(10) NON-FEDERAL SPONSOR.—The term
23 ‘non-Federal sponsor’, in the case of a project re-
24 ceiving assistance under section 8A, includes—

25 “(A) a governmental organization; and

1 “(B) a nonprofit organization.” and
 2 (4) by inserting after paragraph (11) (as reded-
 3 signed by paragraph (1)) the following:

4 “(12) REHABILITATION.—The term ‘rehabilita-
 5 tion’ means the repair, replacement, reconstruction,
 6 or removal of a dam that is carried out to meet ap-
 7 plicable State dam safety and security standards.”.

8 (b) PROGRAM FOR REHABILITATION OF HIGH HAZ-
 9 ARD POTENTIAL DAMS.—The National Dam Safety Pro-
 10 gram Act is amended by inserting after section 8 (33
 11 U.S.C. 467f) the following:

12 **“SEC. 8A. REHABILITATION OF HIGH HAZARD POTENTIAL**
 13 **DAMS.**

14 “(a) ESTABLISHMENT OF PROGRAM.—The Adminis-
 15 trator shall establish, within FEMA, a program to provide
 16 technical, planning, design, and construction assistance in
 17 the form of grants to non-Federal sponsors for rehabilita-
 18 tion of eligible high hazard potential dams.

19 “(b) ELIGIBLE ACTIVITIES.—A grant awarded under
 20 this section for a project may be used for—

21 “(1) repair;

22 “(2) removal; or

23 “(3) any other structural or nonstructural
 24 measures to rehabilitate a high hazard potential
 25 dam.

1 “(c) AWARD OF GRANTS.—

2 “(1) APPLICATION.—

3 “(A) IN GENERAL.—A non-Federal spon-
4 sor interested in receiving a grant under this
5 section may submit to the Administrator an ap-
6 plication for the grant.

7 “(B) REQUIREMENTS.—An application
8 submitted to the Administrator under this sec-
9 tion shall be submitted at such time, be in such
10 form, and contain such information as the Ad-
11 ministrator may prescribe by regulation pursu-
12 ant to section 3004(c) of the Water Resources
13 Development Act of 2016.

14 “(2) GRANT.—

15 “(A) IN GENERAL.—The Administrator
16 may make a grant in accordance with this sec-
17 tion for rehabilitation of a high hazard potential
18 dam to a non-Federal sponsor that submits an
19 application for the grant in accordance with the
20 regulations prescribed by the Administrator.

21 “(B) PROJECT GRANT AGREEMENT.—The
22 Administrator shall enter into a project grant
23 agreement with the non-Federal sponsor to es-
24 tablish the terms of the grant and the project,
25 including the amount of the grant.

1 “(C) GRANT ASSURANCE.—As part of a
2 project grant agreement under subparagraph
3 (B), the Administrator shall require the non-
4 Federal sponsor to provide an assurance, with
5 respect to the dam to be rehabilitated under the
6 project, that the owner of the dam has devel-
7 oped and will carry out a plan for maintenance
8 of the dam during the expected life of the dam.

9 “(D) LIMITATION.—A grant provided
10 under this section shall not exceed the lesser
11 of—

12 “(i) 12.5 percent of the total amount
13 of funds made available to carry out this
14 section; or

15 “(ii) \$7,500,000.

16 “(d) REQUIREMENTS.—

17 “(1) APPROVAL.—A grant awarded under this
18 section for a project shall be approved by the rel-
19 evant State dam safety agency.

20 “(2) NON-FEDERAL SPONSOR REQUIRE-
21 MENTS.—To receive a grant under this section, the
22 non-Federal sponsor shall—

23 “(A) participate in, and comply with, all
24 applicable Federal flood insurance programs;

1 “(B) have in place a hazard mitigation
2 plan that—

3 “(i) includes all dam risks; and

4 “(ii) complies with the Disaster Miti-
5 gation Act of 2000 (Public Law 106–390;
6 114 Stat. 1552);

7 “(C) commit to provide operation and
8 maintenance of the project for the 50-year pe-
9 riod following completion of rehabilitation;

10 “(D) comply with such minimum eligibility
11 requirements as the Administrator may estab-
12 lish to ensure that each owner and operator of
13 a dam under a participating State dam safety
14 program—

15 “(i) acts in accordance with the State
16 dam safety program; and

17 “(ii) carries out activities relating to
18 the public in the area around the dam in
19 accordance with the hazard mitigation plan
20 described in subparagraph (B); and

21 “(E) comply with section 611(j)(9) of the
22 Robert T. Stafford Disaster Relief and Emer-
23 gency Assistance Act (42 U.S.C. 5196(j)(9))
24 (as in effect on the date of enactment of this
25 section) with respect to projects receiving as-

1 sistance under this section in the same manner
2 as recipients are required to comply in order to
3 receive financial contributions from the Admin-
4 istrator for emergency preparedness purposes.

5 “(e) FLOODPLAIN MANAGEMENT PLANS.—

6 “(1) IN GENERAL.—As a condition of receipt of
7 assistance under this section, the non-Federal entity
8 shall demonstrate that a floodplain management
9 plan to reduce the impacts of future flood events in
10 the area protected by the project—

11 “(A) is in place; or

12 “(B) will be—

13 “(i) developed not later than 1 year
14 after the date of execution of a project
15 agreement for assistance under this sec-
16 tion; and

17 “(ii) implemented not later than 1
18 year after the date of completion of con-
19 struction of the project.

20 “(2) INCLUSIONS.—A plan under paragraph (1)
21 shall address—

22 “(A) potential measures, practices, and
23 policies to reduce loss of life, injuries, damage
24 to property and facilities, public expenditures,

1 and other adverse impacts of flooding in the
2 area protected by the project;

3 “(B) plans for flood fighting and evacu-
4 ation; and

5 “(C) public education and awareness of
6 flood risks.

7 “(3) TECHNICAL SUPPORT.—The Administrator
8 may provide technical support for the development
9 and implementation of floodplain management plans
10 prepared under this subsection.

11 “(f) PRIORITY SYSTEM.—The Administrator, in con-
12 sultation with the Board, shall develop a risk-based pri-
13 ority system for use in identifying high hazard potential
14 dams for which grants may be made under this section.

15 “(g) FUNDING.—

16 “(1) COST SHARING.—

17 “(A) IN GENERAL.—Any assistance pro-
18 vided under this section for a project shall be
19 subject to a non-Federal cost-sharing require-
20 ment of not less than 35 percent.

21 “(B) IN-KIND CONTRIBUTIONS.—The non-
22 Federal share under subparagraph (A) may be
23 provided in the form of in-kind contributions.

24 “(2) ALLOCATION OF FUNDS.—The total
25 amount of funds made available to carry out this

1 section for each fiscal year shall be distributed as
2 follows:

3 “(A) EQUAL DISTRIBUTION.— $\frac{1}{3}$ shall be
4 distributed equally among the States in which
5 the projects for which applications are sub-
6 mitted under subsection (c)(1) are located.

7 “(B) NEED-BASED.— $\frac{2}{3}$ shall be distrib-
8 uted among the States in which the projects for
9 which applications are submitted under sub-
10 section (c)(1) are located based on the propor-
11 tion that—

12 “(i) the number of eligible high haz-
13 ard potential dams in the State; bears to

14 “(ii) the number of eligible high haz-
15 ard potential dams in all States in which
16 projects for which applications are sub-
17 mitted under subsection (c)(1).

18 “(h) USE OF FUNDS.—None of the funds provided
19 in the form of a grant or otherwise made available under
20 this section shall be used—

21 “(1) to rehabilitate a Federal dam;

22 “(2) to perform routine operation or mainte-
23 nance of a dam;

24 “(3) to modify a dam to produce hydroelectric
25 power;

1 “(4) to increase water supply storage capacity;

2 or

3 “(5) to make any other modification to a dam
4 that does not also improve the safety of the dam.

5 “(i) CONTRACTUAL REQUIREMENTS.—

6 “(1) IN GENERAL.—Subject to paragraph (2),
7 as a condition on the receipt of a grant under this
8 section of an amount greater than \$1,000,000, a
9 non-Federal sponsor that receives the grant shall re-
10 quire that each contract and subcontract for pro-
11 gram management, construction management, plan-
12 ning studies, feasibility studies, architectural serv-
13 ices, preliminary engineering, design, engineering,
14 surveying, mapping, and related services entered
15 into using funds from the grant be awarded in the
16 same manner as a contract for architectural and en-
17 gineering services is awarded under—

18 “(A) chapter 11 of title 40, United States
19 Code; or

20 “(B) an equivalent qualifications-based re-
21 quirement prescribed by the relevant State.

22 “(2) NO PROPRIETARY INTEREST.—A contract
23 awarded in accordance with paragraph (1) shall not
24 be considered to confer a proprietary interest upon
25 the United States.

1 “(j) AUTHORIZATION OF APPROPRIATIONS.—There
2 are authorized to be appropriated to carry out this sec-
3 tion—

4 “(1) \$10,000,000 for fiscal years 2017 and
5 2018;

6 “(2) \$25,000,000 for fiscal year 2019;

7 “(3) \$40,000,000 for fiscal year 2020; and

8 “(4) \$60,000,000 for each of fiscal years 2021
9 through 2026.”.

10 (c) RULEMAKING.—

11 (1) PROPOSED RULEMAKING.—Not later than
12 90 days after the date of enactment of this Act, the
13 Administrator of the Federal Emergency Manage-
14 ment Agency shall issue a notice of proposed rule-
15 making regarding applications for grants of assist-
16 ance under the amendments made by subsection (b)
17 to the National Dam Safety Program Act (33
18 U.S.C. 467 et seq.).

19 (2) FINAL RULE.—Not later than 180 days
20 after the date of enactment of this Act, the Adminis-
21 trator of the Federal Emergency Management Agen-
22 cy shall promulgate a final rule regarding the
23 amendments described in paragraph (1).

1 **TITLE IV—RIVER BASINS, WA-**
2 **TERSHERDS, AND COASTAL**
3 **AREAS**

4 **SEC. 4001. GULF COAST OYSTER BED RECOVERY PLAN.**

5 (a) DEFINITION OF GULF STATES.—In this section,
6 the term “Gulf States” means each of the States of Ala-
7 bama, Florida, Louisiana, Mississippi, and Texas.

8 (b) GULF COAST OYSTER BED RECOVERY PLAN.—
9 The Secretary, in coordination with the Gulf States, shall
10 develop and implement a plan to assist in the recovery of
11 oyster beds on the coast of Gulf States that were damaged
12 by events including—

13 (1) Hurricane Katrina in 2005;

14 (2) the Deep Water Horizon oil spill in 2010;

15 and

16 (3) floods in 2011 and 2016.

17 (c) INCLUSION.—The plan developed under sub-
18 section (b) shall address the beneficial use of dredged ma-
19 terial in providing substrate for oyster bed development.

20 (d) SUBMISSION.—Not later than 18 months after
21 the date of enactment of this Act, the Secretary shall sub-
22 mit to the Committee of Environment and Public Works
23 of the Senate and the Committee on Transportation and
24 Infrastructure of the House of Representatives the plan
25 developed under subsection (b).

1 (e) AUTHORIZATION OF APPROPRIATIONS.—There is
2 authorized to be appropriated to the Secretary to carry
3 out this section \$2,000,000, to remain available until ex-
4 pended.

5 **SEC. 4002. COLUMBIA RIVER.**

6 (a) ECOSYSTEM RESTORATION.—Section 536(g) of
7 the Water Resources Development Act of 2000 (Public
8 Law 106–541; 114 Stat. 2662; 128 Stat. 1314) is amend-
9 ed by striking “\$50,000,000” and inserting
10 “\$75,000,000”.

11 (b) WATERCRAFT INSPECTION STATIONS, COLUMBIA
12 RIVER BASIN.—Section 104(d) of the River and Harbor
13 Act of 1958 (33 U.S.C. 610(d)) is amended—

14 (1) in paragraph (1), by striking “stations in
15 the Columbia River Basin to be located in the States
16 of Idaho, Montana, Oregon, and Washington” and
17 inserting “stations to protect the Columbia River
18 Basin”; and

19 (2) in paragraph (3), by striking subparagraph
20 (A) and inserting the following:

21 “(A) the Governor of each State in which
22 a station is established under paragraph (1);”.

23 (c) TRIBAL HOUSING.—

24 (1) DEFINITION OF REPORT.—In this sub-
25 section, the term “report” means the final report of

1 the Portland District, Corps of Engineers, entitled
 2 “Columbia River Treaty Fishing Access Sites, Or-
 3 egon and Washington: Fact-finding Review on Trib-
 4 al Housing” and dated November 19, 2013.

5 (2) ASSISTANCE AUTHORIZED.—As replacement
 6 housing for Indian families displaced due to the con-
 7 struction of the Bonneville Dam, on the request of
 8 the Secretary of the Interior, the Secretary may pro-
 9 vide assistance ~~to relocate to~~ *on* land transferred by
 10 the Department of the Army to the Department of
 11 the Interior pursuant to title IV of Public Law 100–
 12 581 (102 Stat. 2944; 110 Stat. 766; 110 Stat.
 13 3762; 114 Stat. 2679; 118 Stat. 544) *for* the num-
 14 ber of families ~~identified~~ *estimated in the report* as
 15 having received no relocation assistance ~~in the re-~~
 16 ~~port~~.

17 (3) STUDY.—The Secretary shall—

18 (A) conduct a study to determine the num-
 19 ber of Indian people displaced by the construc-
 20 tion of the John Day Dam; and

21 (B) identify a plan for suitable housing to
 22 replace housing lost to the construction of the
 23 John Day Dam.

24 (d) COLUMBIA AND LOWER WILLAMETTE RIVERS
 25 BELOW VANCOUVER, WASHINGTON AND OREGON.—The

1 Secretary shall conduct a study to determine the feasibility
2 of modifying the project for navigation, Columbia and
3 Lower Willamette Rivers below Vancouver, Washington
4 and Portland, Oregon, authorized by section 101 of the
5 River and Harbor Act of 1962 (Public Law 87–874; 76
6 Stat. 1177) to address safety risks.

7 **SEC. 4003. MISSOURI RIVER.**

8 (a) RESERVOIR SEDIMENT MANAGEMENT.—

9 (1) DEFINITION OF SEDIMENT MANAGEMENT
10 PLAN.—In this subsection, the term “sediment man-
11 agement plan” means a plan for preventing sedi-
12 ment from reducing water storage capacity at a res-
13 ervoir and increasing water storage capacity through
14 sediment removal at a reservoir.

15 (2) UPPER MISSOURI RIVER BASIN PILOT PRO-
16 GRAM.—The Secretary shall carry out a pilot pro-
17 gram for the development and implementation of
18 sediment management plans for reservoirs owned
19 and operated by the Secretary in the Upper Missouri
20 River Basin, on request by project beneficiaries.

21 (3) PLAN ELEMENTS.—A sediment manage-
22 ment plan under paragraph (2) shall—

23 (A) provide opportunities for project bene-
24 ficiaries and other stakeholders to participate in
25 sediment management decisions;

1 (B) evaluate the volume of sediment in a
2 reservoir and impacts on storage capacity;

3 (C) identify preliminary sediment manage-
4 ment options, including sediment dikes and
5 dredging;

6 (D) identify constraints;

7 (E) assess technical feasibility, economic
8 justification, and environmental impacts;

9 (F) identify beneficial uses for sediment;
10 and

11 (G) to the maximum extent practicable,
12 use, develop, and demonstrate innovative, cost-
13 saving technologies, including structural and
14 nonstructural technologies and designs, to man-
15 age sediment.

16 (4) COST SHARE.—The beneficiaries requesting
17 the plan shall share in the cost of development and
18 implementation of a sediment management plan allo-
19 cated in accordance with the benefits to be received.

20 (5) CONTRIBUTED FUNDS.—The Secretary may
21 accept funds from non-Federal interests and other
22 Federal agencies to develop and implement a sedi-
23 ment management plan under this subsection.

24 (6) GUIDANCE.—The Secretary shall use the
25 knowledge gained through the development and im-

1 plementation of sediment management plans under
2 paragraph (2) to develop guidance for sediment
3 management at other reservoirs.

4 (7) PARTNERSHIP WITH THE SECRETARY OF
5 THE INTERIOR.—

6 (A) IN GENERAL.—The Secretary shall
7 carry out the pilot program established under
8 this subsection in partnership with the Sec-
9 retary of the Interior, and the program may
10 apply to reservoirs managed or owned by the
11 Bureau of Reclamation on execution of a
12 memorandum of agreement between the Sec-
13 retary and the Secretary of the Interior estab-
14 lishing the framework for a partnership and the
15 terms and conditions for sharing expertise and
16 resources.

17 (B) LEAD AGENCY.—The Secretary that
18 has primary jurisdiction over the reservoir shall
19 take the lead in developing and implementing a
20 sediment management plan for that reservoir.

21 (8) OTHER AUTHORITIES NOT AFFECTED.—
22 Nothing in this subsection affects sediment manage-
23 ment or the share of costs paid by Federal and non-
24 Federal interests relating to sediment management

1 under any other provision of law (including regula-
2 tions).

3 (b) SNOWPACK AND DROUGHT MONITORING.—Sec-
4 tion 4003(a) of the Water Resources Reform and Develop-
5 ment Act of 2014 (Public Law 113–121; 128 Stat. 1311)
6 is amended by adding at the end the following:

7 “(5) LEAD AGENCY.—The Corps of Engineers
8 shall be the lead agency for carrying out and coordi-
9 nating the activities described in paragraph (1).”.

10 **SEC. 4004. PUGET SOUND NEARSHORE ECOSYSTEM RES-**
11 **TORATION.**

12 Section 544(f) of the Water Resources Development
13 Act of 2000 (Public Law 106–541; 114 Stat. 2675) is
14 amended by striking “\$5,000,000” and inserting
15 “\$10,000,000”.

16 **SEC. 4005. ICE JAM PREVENTION AND MITIGATION.**

17 (a) IN GENERAL.—The Secretary may carry out
18 projects under section 205 of the Flood Control Act of
19 1948 (33 U.S.C. 701s), including planning, design, con-
20 struction, and monitoring of structural and nonstructural
21 technologies and measures for preventing and mitigating
22 flood damages associated with ice jams.

23 (b) INCLUSION.—The projects described in sub-
24 section (a) may include the development and demonstra-

1 tion of cost-effective technologies and designs developed in
2 consultation with—

3 (1) the Cold Regions Research and Engineering
4 Laboratory of the Corps of Engineers;

5 (2) universities;

6 (3) Federal, State, and local agencies; and

7 (4) private organizations.

8 (c) PILOT PROGRAM.—

9 (1) AUTHORIZATION.—In addition to the fund-
10 ing authorized under section 205 of the Flood Con-
11 trol Act of 1948 (33 U.S.C. 701s), the Secretary is
12 authorized to expend \$30,000,000 to carry out pilot
13 projects to demonstrate technologies and designs de-
14 veloped in accordance with this section.

15 (2) PRIORITY.—In carrying out pilot projects
16 under paragraph (1), the Secretary shall give pri-
17 ority to projects in the Upper Missouri River Basin.

18 (3) SUNSET.—The pilot program under this
19 subsection shall terminate on December 31, 2026.

20 **SEC. 4006. CHESAPEAKE BAY OYSTER RESTORATION.**

21 Section 704(b)(1) of the Water Resources Develop-
22 ment Act of 1986 (33 U.S.C. 2263(b)(1)) is amended by
23 striking “\$60,000,000” and inserting “\$100,000,000”.

1 **SEC. 4007. NORTH ATLANTIC COASTAL REGION.**

2 Section 4009(a) of the Water Resources Reform and
3 Development Act of 2014 (Public Law 113–121; 128 Stat.
4 1316) is amended by inserting “at Federal expense” after
5 “study”.

6 **SEC. 4008. RIO GRANDE.**

7 Section 5056(f) of the Water Resources Development
8 Act of 2007 (Public Law 110–114; 121 Stat. 1214; 128
9 Stat. 1315) is amended by striking “2019” and inserting
10 “2024”.

11 **SEC. 4009. TEXAS COASTAL AREA.**

12 In carrying out the Coastal Texas ecosystem protec-
13 tion and restoration study authorized by section 4091 of
14 the Water Resources Development Act of 2007 (Public
15 Law 110–114; 121 Stat. 1187), the Secretary shall con-
16 sider studies, data, or information developed by the Gulf
17 Coast Community Protection and Recovery District to ex-
18 pedite completion of the study.

19 **SEC. 4010. UPPER MISSISSIPPI AND ILLINOIS RIVERS**
20 **FLOOD RISK MANAGEMENT.**

21 (a) IN GENERAL.—The Secretary shall conduct a
22 study at Federal expense to determine the feasibility of
23 carrying out projects to address systemic flood damage re-
24 duction in the upper Mississippi and Illinois River basins.

25 (b) PURPOSE.—The purposes of the study under sub-
26 section (a) are—

1 (1) to develop an integrated, comprehensive,
2 and systems-based approach to minimize the threat
3 to health and safety resulting from flooding by using
4 structural and nonstructural flood risk management
5 measures;

6 (2) to reduce damages and costs associated with
7 flooding;

8 (3) to identify opportunities to support environ-
9 mental sustainability and restoration goals of the
10 Upper Mississippi River and Illinois River floodplain
11 as part of any systemic flood risk management plan;
12 and

13 (4) to seek opportunities to address, in concert
14 with flood risk management measures, other flood-
15 plain specific problems, needs, and opportunities.

16 (c) STUDY COMPONENTS.—In carrying out the study
17 under subsection (a), the Secretary shall—

18 (1) as appropriate, coordinate with the heads of
19 other appropriate Federal agencies, the Governors of
20 the States within the Upper Mississippi and Illinois
21 River basins, the appropriate levee and drainage dis-
22 tricts, nonprofit organizations, and other interested
23 parties;

24 (2) recommend projects for reconstruction of
25 existing levee systems so as to develop and maintain

1 a comprehensive system for flood risk reduction and
 2 floodplain management;

3 (3) perform a systemic analysis of critical
 4 transportation systems to determine the feasibility of
 5 protecting river approaches for land-based systems,
 6 highways, and railroads;

7 (4) develop a basin-wide hydrologic model for
 8 the Upper Mississippi River System and update as
 9 changes occur and new data is available; and

10 (5) use, to the maximum extent practicable, any
 11 existing plans and data, including the Upper Mis-
 12 sissippi River Comprehensive Plan authorized in sec-
 13 tion 429 of the Water Resources Development Act
 14 of 1999 (Public Law 106–53; 113 Stat. 326).

15 (d) BASIS FOR RECOMMENDATIONS.—In recom-
 16 mending a project under subsection (c)(2), the Secretary
 17 may justify the project based on system-wide benefits.

18 **SEC. 4011. SALTON SEA, CALIFORNIA.**

19 Section 3032 of the Water Resources Development
 20 Act of 2007 (Public Law 110–114; 121 Stat. 1113) is
 21 amended—

22 (1) in subsection (b)—

23 (A) in the subsection heading, by striking
 24 “PILOT PROJECTS” and inserting “PROJECTS”;

25 (B) in paragraph (1)—

1 (i) in subparagraph (A), by striking
2 “the pilot”; and

3 (ii) in subparagraph (B)—

4 (I) in clause (i), in the matter
5 preceding subclause (I), by striking
6 “the pilot”;

7 (II) in subclause (I), by inserting
8 “, Salton Sea Authority, or other non-
9 Federal interest” before the semicolon
10 at the end; and

11 (III) in subclause (II), by strik-
12 ing “pilot”;

13 (C) in paragraph (2), in the matter pre-
14 ceding subparagraph (A), by striking “pilot”;
15 and

16 (D) in paragraph (3)—

17 (i) by striking “pilot” each place it
18 appears; and

19 (ii) by inserting “, Salton Sea Author-
20 ity, or other non-Federal interest” after
21 “State”; and

22 (2) in subsection (c), by striking “pilot”.

1 **SEC. 4012. ADJUSTMENT.**

2 Section 219(f)(25) of the Water Resources Develop-
3 ment Act of 1992 (Public Law 102–580; 113 Stat. 336)
4 is amended—

5 (1) by inserting “Berkeley” before “Calhoun”;

6 and

7 (2) by striking “Orangeberg, and Sumter” and
8 inserting “and Orangeberg”.

9 **SEC. 4013. COASTAL RESILIENCY.**

10 Section 4014(b) of the Water Resources Reform and
11 Development Act of 2014 (~~33 U.S.C. 2803a(b)~~) is amend-
12 ed—

13 *(a) IN GENERAL.—Section 4014(b) of the Water Re-*
14 *sources Reform and Development Act of 2014 (33 U.S.C.*
15 *2803a(b)) is amended—*

16 (1) by redesignating paragraphs (3) and (4) as
17 paragraphs (4) and (5), respectively; and

18 (2) by inserting after paragraph (2) the fol-
19 lowing:

20 “(3) give priority to projects in communities the
21 existence of which is threatened by rising sea level,
22 including projects relating to shoreline restoration,
23 tidal marsh restoration, dunal habitats to protect
24 coastal infrastructure, reduction of future and exist-
25 ing emergency repair costs, and projects that use
26 dredged materials;”.

1 **(b) INTERAGENCY COORDINATION ON COASTAL RESIL-**
2 *IENCE.—The Secretary shall convene an interagency work-*
3 *ing group on resilience to extreme weather, which will co-*
4 *ordinate research, data, and Federal investments related to*
5 *sea level rise, resiliency, and vulnerability to extreme*
6 *weather, including coastal resilience.*

7 **SEC. 4014. REGIONAL INTERGOVERNMENTAL COLLABORA-**
8 **TION ON COASTAL RESILIENCE.**

9 **(a) REGIONAL ASSESSMENTS.—**

10 **(1) IN GENERAL.—***The Secretary may conduct*
11 *regional assessments of coastal and back bay protec-*
12 *tion and of Federal and State policies and programs*
13 *related to coastal water resources, including—*

14 **(A)** *an assessment of the probability and the*
15 *extent of coastal flooding and erosion, including*
16 *back bay and estuarine flooding;*

17 **(B)** *recommendations for policies and other*
18 *measures related to regional Federal, State, local,*
19 *and private participation in shoreline and back-*
20 *bay protection projects;*

21 **(C)** *an evaluation of the performance of ex-*
22 *isting Federal coastal storm damage reduction,*
23 *ecosystem restoration, and navigation projects,*
24 *including recommendations for the improvement*
25 *of those projects;*

1 (D) an assessment of the value and impacts
2 of implementation of regional, systems-based,
3 watershed-based, and interstate approaches if
4 practicable;

5 (E) recommendations for the demonstration
6 of methodologies for resilience through the use of
7 natural and nature-based infrastructure ap-
8 proaches, as appropriate; and

9 (F) recommendations regarding alternative
10 sources of funding for new and existing projects.

11 (2) COOPERATION.—In carrying out paragraph
12 (1), the Secretary shall cooperate with—

13 (A) heads of appropriate Federal agencies;

14 (B) States that have approved coastal man-
15 agement programs and appropriate agencies of
16 those States;

17 (C) local governments; and

18 (D) the private sector.

19 (b) STREAMLINING.—In carrying out this section, the
20 Secretary shall—

21 (1) to the maximum extent practicable, use exist-
22 ing research done by Federal, State, regional, local,
23 and private entities to eliminate redundancies and
24 related costs;

1 (2) receive from any of the entities described in
2 subsection (a)(2)—

3 (A) contributed funds; or

4 (B) research that may be eligible for credit
5 as work-in-kind under applicable Federal law;
6 and

7 (3) enable each District or combination of Dis-
8 tricts of the Corps of Engineers that jointly partici-
9 pate in carrying out an assessment under this section
10 to consider regionally appropriate engineering, bio-
11 logical, ecological, social, economic, and other factors
12 in carrying out the assessment.

13 (c) *REPORTS.*—The Secretary shall submit to the Com-
14 mittee on Environment and Public Works of the Senate and
15 the Committee on Transportation and Infrastructure of the
16 House of Representatives all reports and recommendations
17 prepared under this section, together with any necessary
18 supporting documentation.

1 **TITLE V—DEAUTHORIZATIONS**

2 **SEC. 5001. DEAUTHORIZATIONS.**

3 (a) VALDEZ, ALASKA.—

4 (1) IN GENERAL.—Subject to paragraph (2),
5 the portions of the project for navigation, Valdez,
6 Alaska, identified as Tract G, Harbor Subdivision,
7 shall not be subject to navigation servitude begin-
8 ning on the date of enactment of this Act.

9 (2) ENTRY BY FEDERAL GOVERNMENT.—The
10 Federal Government may enter on the property re-
11 ferred to in paragraph (1) to carry out any required
12 operation and maintenance of the general navigation
13 features of the project described in paragraph (1).

14 (b) RED RIVER BELOW DENISON DAM, ARKANSAS,
15 LOUISIANA, AND TEXAS.—The portion of the project for
16 flood protection on Red River Below Denison Dam, Ar-
17 kansas, Louisiana and Texas, authorized by section 10 of
18 the Flood Control Act of 1946 (60 Stat. 647, chapter
19 596), consisting of the portion of the West Agurs Levee
20 that begins at lat. 32°32'50.86'' N ., by long.
21 93°46'16.82'' W., and ends at lat. 32° 31'22.79'' N., by
22 long. 93° 45' 2.47'' W., is no longer authorized beginning
23 on the date of enactment of this Act.

24 (c) SUTTER BASIN, CALIFORNIA.—

1 (1) IN GENERAL.—The separable element con-
2 stituting the locally preferred plan increment re-
3 flected in the report of the Chief of Engineers dated
4 March 12, 2014, and authorized for construction
5 under section 7002(2)(8) of the Water Resources
6 Reform and Development Act of 2014 (Public Law
7 113–121; 128 Stat. 1366) is no longer authorized
8 beginning on the date of enactment of this Act.

9 (2) SAVINGS PROVISIONS.—The deauthorization
10 under paragraph (1) does not affect—

11 (A) the national economic development
12 plan separable element reflected in the report of
13 the Chief of Engineers dated March 12, 2014,
14 and authorized for construction under section
15 7002(2)(8) of the Water Resources Reform and
16 Development Act of 2014 (Public Law 113–
17 121; 128 Stat. 1366); or

18 (B) previous authorizations providing for
19 the Sacramento River and major and minor
20 tributaries project, including—

21 (i) section 2 of the Act of March 1,
22 1917 (39 Stat. 949; chapter 144);

23 (ii) section 12 of the Act of December
24 22, 1944 (58 Stat. 900; chapter 665);

1 (iii) section 204 of the Flood Control
2 Act of 1950 (64 Stat. 177; chapter 188);
3 and

4 (iv) any other Acts relating to the au-
5 thorization for the Sacramento River and
6 major and minor tributaries project along
7 the Feather River right bank between levee
8 stationing 1483+33 and levee stationing
9 2368+00.

10 (d) STONINGTON HARBOR, CONNECTICUT.—The por-
11 tion of the project for navigation, Stonington Harbor,
12 Connecticut, authorized by the Act of May 23, 1828 (4
13 Stat. 288; chapter 73) that consists of the inner stone
14 breakwater that begins at coordinates N. 682,146.42, E.
15 1231,378.69, running north 83.587 degrees west 166.79'
16 to a point N. 682,165.05, E. 1,231,212.94, running north
17 69.209 degrees west 380.89' to a point N. 682,300.25,
18 E. 1,230,856.86, is no longer authorized as a Federal
19 project beginning on the date of enactment of this Act.

20 (e) GREEN RIVER LOCK AND DAM 3, OHIO AND
21 MUHLENBERG COUNTIES, KENTUCKY.—

22 (1) IN GENERAL.—The structure and land asso-
23 ciated with Green River Lock and Dam 3 and de-
24 authorized under section 6001(1) pursuant to the
25 report of the Chief of Engineers relating to Green

1 River Locks and Dams 3, 4, 5, and 6 and Barren
2 River Lock and Dam 1, Kentucky, dated April 30,
3 2015 shall be transferred under this subsection, and
4 the land shall no longer be a portion of the Green
5 River project for navigation, built by the Common-
6 wealth of Kentucky prior to 1886 and purchased
7 and ceded to the Federal Government under the first
8 section of the Act of August 11, 1888 (25 Stat. 416;
9 chapter 860).

10 (2) TRANSFER.—Subject to this subsection, the
11 Secretary shall convey to the Rochester Dam Re-
12 gional Water Commission by quitclaim deed and
13 without consideration, all right, title, and interest of
14 the United States in 3 adjacent parcels of land situ-
15 ated on the Ohio County side of the Green River to-
16 gether with any improvements on the land.

17 (3) LANDS TO BE CONVEYED.—

18 (A) IN GENERAL.—The 3 adjacent parcels
19 of land to be conveyed under this subsection
20 total approximately 6.72 acres of land in Ohio
21 County, with all 3 parcels being associated with
22 the deauthorized Green River Lock and Dam 3.

23 (B) USE.—The 3 parcels of land described
24 in subparagraph (A) may be used by the Roch-
25 ester Dam Regional Water Commission in such

1 a manner as to ensure a water supply for local
2 communities.

3 (4) REVERSION.—If the Secretary determines
4 that the land conveyed under this subsection ceases
5 to be owned by the public or is used for any purpose
6 that is inconsistent with paragraph (3)(B), all right,
7 title, and interest in and to the land shall revert, at
8 the discretion of the Secretary, to the United States.

9 (f) GREEN RIVER LOCK AND DAM 5, BUTLER AND
10 WARREN COUNTIES, KENTUCKY.—

11 (1) IN GENERAL.—If the Secretary determines
12 that the Corps of Engineers will not oversee and
13 conduct the removal of the lock and dam structure
14 for Green River Lock and Dam 5 deauthorized
15 under section 6001(1) pursuant to the report of the
16 Chief of Engineers relating to Green River Locks
17 and Dams 3, 4, 5, and 6 and Barren River Lock
18 and Dam 1, Kentucky, dated April 30, 2015, the
19 lock and dam structure and associated land shall be
20 transferred through established General Services Ad-
21 ministration procedures to another entity for the ex-
22 press purposes of—

23 (A) removing the structure from the river
24 at the earliest feasible time; and

1 (B) making the land available for con-
2 servation and public recreation and river access
3 in the future.

4 (2) DEAUTHORIZATION.—On a transfer under
5 paragraph (1), the land described in that paragraph
6 shall no longer be a portion of the Green River
7 project for navigation, authorized by the first section
8 of the Act of July 13, 1892 (27 Stat. 105; chapter
9 158).

10 (g) GREEN RIVER LOCK AND DAM 6, EDMONSON
11 COUNTY, KENTUCKY.—

12 (1) IN GENERAL.—The structure and land asso-
13 ciated with Green River Lock and Dam 6 and de-
14 authorized under section 6001(1) pursuant to the
15 report of the Chief of Engineers relating to Green
16 River Locks and Dams 3, 4, 5, and 6 and Barren
17 River Lock and Dam 1, Kentucky, dated April 30,
18 2015, shall be transferred under this subsection and
19 the land shall no longer be a portion of the Green
20 River project for navigation, authorized by the first
21 section of the Act of June 13, 1902 (32 Stat. 359;
22 chapter 1079).

23 (2) TRANSFER.—

24 (A) TRANSFER TO DEPARTMENT OF THE
25 INTERIOR.—Subject to this subsection, the Sec-

1 retary shall transfer to the Department of Inte-
2 rior, Mammoth Cave National Park, by quit-
3 claim deed and without consideration, all right,
4 title, and interest of the United States in the
5 4.19 acre parcel of land situated on left de-
6 scending bank (south side) of the Green River
7 together with any improvements on the land.

8 (B) TRANSFER TO THE COMMONWEALTH
9 OF KENTUCKY.—Subject to this subsection, the
10 Secretary shall transfer to the Commonwealth
11 of Kentucky, Department of Fish and Wildlife
12 Resources, by quitclaim deed and without con-
13 sideration, all right, title, and interest of the
14 United States in the 18.0 acre parcel of land on
15 the right descending bank (north side) of the
16 river and the deauthorized lock and dam struc-
17 ture.

18 (3) LAND TO BE CONVEYED.—

19 (A) IN GENERAL.—The 2 parcels of land
20 to be conveyed under this subsection, located on
21 each side of the Green River and associated
22 with the deauthorized Green River Lock and
23 Dam 6 in Edmonson County, Kentucky, in-
24 clude—

1 (i) a parcel consisting of approxi-
2 mately 4.19 acres of land; and

3 (ii) a parcel consisting of approxi-
4 mately 18.0 acres of land and the de-
5 authorized lock and dam structure.

6 (B) USE.—

7 (i) MAMMOTH CAVE NATIONAL
8 PARK.—The 4.19-acre parcel of land de-
9 scribed in subparagraph (A)(i) shall be
10 used for established purposes of Mammoth
11 Cave National Park.

12 (ii) DEPARTMENT OF FISH AND WILD-
13 LIFE RESOURCES.—The 18.0-acre parcel of
14 land and deauthorized lock and dam struc-
15 ture described in subparagraph (A)(ii)
16 may—

17 (I) be used for the purposes of
18 removal of the deauthorized structures
19 to restore natural river functions
20 while providing green space and
21 ecotourism development, including the
22 provision of roads, parking, camping,
23 and boat access; or

24 (II) if the Department of Fish
25 and Wildlife Resources, Common-

1 wealth of Kentucky, cannot fulfill the
2 uses described in subclause (I), be
3 transferred to county or local govern-
4 ments or private conservation entities
5 for continued public green space utili-
6 zation as described in subclause (I).

7 (4) REVERSION.—If the Secretary determines
8 that the land conveyed under this subsection ceases
9 to be owned by the public or is used for any purpose
10 that is inconsistent with paragraph (3)(B), all right,
11 title, and interest in and to the land shall revert, at
12 the discretion of the Secretary, to the United States.

13 (h) BARREN RIVER LOCK AND DAM 1, WARREN
14 COUNTY, KENTUCKY.—

15 (1) IN GENERAL.—The structure and land asso-
16 ciated with Barren River Lock and Dam 1 and de-
17 authorized under section 6001(1) pursuant to the
18 report of the Chief of Engineers relating to Green
19 River Locks and Dams 3, 4, 5, and 6 and Barren
20 River Lock and Dam 1, Kentucky, dated April 30,
21 2015, shall be conveyed under this subsection and
22 the land shall no longer be a portion of the Barren
23 River project for navigation, built by the Common-
24 wealth of Kentucky prior to 1886 and purchased by
25 and ceded to the Federal Government under the first

1 section of the Act of August 11, 1888 (25 Stat. 416;
2 chapter 860).

3 (2) TRANSFER.—Subject to this subsection, the
4 Secretary shall convey to the Commonwealth of Ken-
5 tucky, Department of Fish and Wildlife Resources,
6 by quitclaim deed and without consideration, all
7 right, title, and interest of the United States in 1
8 parcel of land situated on the right bank of the Bar-
9 ren River together with any improvements on the
10 land.

11 (3) LAND TO BE CONVEYED.—

12 (A) IN GENERAL.—The parcel of land to
13 be conveyed under this subsection includes ap-
14 proximately 16.63 acres of land, located on the
15 right bank of the Barren River and associated
16 with the deauthorized Barren River Lock and
17 Dam 1 in Warren County, Kentucky.

18 (B) USE.—The parcel of land described in
19 subparagraph (A) may—

20 (i) be used by the Commonwealth of
21 Kentucky for the purposes of removal of
22 structures to restore natural river func-
23 tions while providing green space and
24 ecotourism development, including the pro-

1 vision of roads, parking, camping, and boat
2 access; or

3 (ii) if the Department of Fish and
4 Wildlife Resources, Commonwealth of Ken-
5 tucky, cannot fulfill the uses described in
6 clause (i), be transferred to county or local
7 governments or private conservation enti-
8 ties for continued public green space utili-
9 zation as described in clause (i).

10 (4) REVERSION.—If the Secretary determines
11 that the land conveyed under this subsection ceases
12 to be owned by the public or is used for any purpose
13 that is inconsistent with paragraph (3)(B), all right,
14 title, and interest in and to the land shall revert, at
15 the discretion of the Secretary, to the United States.

16 (i) PORT OF CASCADE LOCKS, OREGON.—

17 (1) TERMINATION OF PORTIONS OF EXISTING
18 FLOWAGE EASEMENT.—

19 (A) DEFINITION OF FLOWAGE EASE-
20 MENT.—In this paragraph, the term “flowage
21 easement” means the flowage easements identi-
22 fied as tracts 302E-1 and 304E-1 on the ease-
23 ment deeds recorded as instruments in Hood
24 River County, Oregon, as follows:

1 (i) A flowage easement dated October
2 3, 1936, recorded December 1, 1936, book
3 25 at page 531 (records of Hood River
4 County, Oregon), in favor of United States
5 (302E-1-Perpetual Flowage Easement
6 from October 5, 1937, October 5, 1936,
7 and October 3, 1936) (previously acquired
8 as tracts OH-36 and OH-41 and a portion
9 of tract OH-47).

10 (ii) A flowage easement recorded Oc-
11 tober 17, 1936, book 25 at page 476
12 (records of Hood River County, Oregon),
13 in favor of the United States, that affects
14 that portion below the 94-foot contour line
15 above main sea level (304 E-1-Perpetual
16 Flowage Easement from August 10, 1937
17 and October 3, 1936) (previously acquired
18 as tract OH-42 and a portion of tract OH-
19 47).

20 (B) TERMINATION.—With respect to the
21 properties described in paragraph (2), begin-
22 ning on the date of enactment of this Act, the
23 flowage easements are terminated above ele-
24 vation 82.4 feet (NGVD29), the ordinary high
25 water mark.

1 (2) AFFECTED PROPERTIES.—The properties
2 described in this paragraph, as recorded in Hood
3 River, County, Oregon, are as follows:

4 (A) Lots 3, 4, 5, and 7 of the “Port of
5 Cascade Locks Business Park” subdivision, in-
6 strument #2014-00436.

7 (B) Parcels 1, 2, and 3 of Hood River
8 County Partition plat No. 2008-25P.

9 (3) FEDERAL LIABILITIES; CULTURAL, ENVI-
10 RONMENTAL, OTHER REGULATORY REVIEWS.—

11 (A) FEDERAL LIABILITY.—The United
12 States shall not be liable for any injury caused
13 by the termination of the easement under this
14 subsection.

15 (B) CULTURAL AND ENVIRONMENTAL
16 REGULATORY ACTIONS.—Nothing in this sub-
17 section establishes any cultural or environ-
18 mental regulation relating to the properties de-
19 scribed in paragraph (2).

20 (4) EFFECT ON OTHER RIGHTS.—Nothing in
21 this subsection affects any remaining right or inter-
22 est of the Corps of Engineers in the properties de-
23 scribed in paragraph (2).

1 (j) DECLARATIONS OF NON-NAVIGABILITY FOR POR-
2 TIONS OF THE DELAWARE RIVER, PHILADELPHIA, PENN-
3 SYLVANIA.—

4 (1) IN GENERAL.—Subject to paragraphs (2)
5 and (3), unless the Secretary determines, after con-
6 sultation with local and regional public officials (in-
7 cluding local and regional project planning organiza-
8 tions), that there are substantive objections, the fol-
9 lowing portions of the Delaware River, bounded by
10 the former bulkhead and pierhead lines established
11 by the Secretary of War and successors, are declared
12 to be non-navigable waters of the United States:

13 (A) Piers 70 South through 38 South, en-
14 compassing an area bounded by the southern
15 line of Moore Street extended to the northern
16 line of Catherine Street extended, including the
17 following piers: Piers 70, 68, 67, 64, 61-63, 60,
18 57, 55, 46, 48, 40, and 38.

19 (B) Piers 24 North through 72 North, en-
20 compassing an area bounded by the southern
21 line of Callowhill Street extended to the north-
22 ern line of East Fletcher Street extended, in-
23 cluding the following piers: 24, 25, 27-35, 35.5,
24 36, 37, 38, 39, 49, 51-52, 53-57, 58-65, 66, 67,
25 69, 70-72, and Rivercenter.

1 (2) DETERMINATION.—The Secretary shall
2 make the determination under paragraph (1) sepa-
3 rately for each portion of the Delaware River de-
4 scribed in subparagraphs (A) and (B) of paragraph
5 (1), using reasonable discretion, by not later than
6 150 days after the date of submission of appropriate
7 plans for that portion.

8 (3) LIMITS ON APPLICABILITY.—

9 (A) IN GENERAL.—Paragraph (1) applies
10 only to those parts of the areas described in
11 that paragraph that are or will be bulkheaded
12 and filled or otherwise occupied by permanent
13 structures, including marina and recreation fa-
14 cilities.

15 (B) OTHER FEDERAL LAWS.—Any work
16 described in subparagraph (A) shall be subject
17 to all applicable Federal law (including regula-
18 tions), including—

19 (i) sections 9 and 10 of the Act of
20 March 3, 1899 (commonly known as the
21 “River and Harbors Appropriation Act of
22 1899”) (33 U.S.C. 401, 403);

23 (ii) section 404 of the Federal Water
24 Pollution Control Act (33 U.S.C. 1344);
25 and

1 (iii) the National Environmental Pol-
2 icy Act of 1969 (42 U.S.C. 4321 et seq.).

3 (k) SALT CREEK, GRAHAM, TEXAS.—

4 (1) IN GENERAL.—The project for flood con-
5 trol, environmental restoration, and recreation, Salt
6 Creek, Graham, Texas, authorized by section
7 101(a)(30) of the Water Resources Development Act
8 of 1999 (Public Law 106–53; 113 Stat. 278-279), is
9 no longer authorized as a Federal project beginning
10 on the date of enactment of this Act.

11 (2) CERTAIN PROJECT-RELATED CLAIMS.—The
12 non-Federal sponsor for the project described in
13 paragraph (1) shall hold and save the United States
14 harmless from any claim that has arisen, or that
15 may arise, in connection with the project.

16 (3) TRANSFER.—The Secretary is authorized to
17 transfer any land acquired by the Federal Govern-
18 ment for the project on behalf of the non-Federal
19 sponsor that remains in Federal ownership on or
20 after the date of enactment of this Act to the non-
21 Federal sponsor.

22 (4) REVERSION.—If the Secretary determines
23 that the land that is integral to the project described
24 in paragraph (1) ceases to be owned by the public,
25 all right, title, and interest in and to the land and

1 improvements shall revert, at the discretion of the
2 Secretary, to the United States.

3 **SEC. 5002. CONVEYANCES.**

4 (a) PEARL RIVER, MISSISSIPPI AND LOUISIANA.—

5 (1) IN GENERAL.—The project for navigation,
6 Pearl River, Mississippi and Louisiana, authorized
7 by the first section of the Act of August 30, 1935
8 (49 Stat. 1033, chapter 831) and section 101 of the
9 River and Harbor Act of 1966 (Public Law 89-789;
10 80 Stat. 1405), is no longer authorized as a Federal
11 project beginning on the date of enactment of this
12 Act.

13 (2) TRANSFER.—

14 (A) IN GENERAL.—Subject to subpara-
15 graphs (B) and (C), the Secretary is authorized
16 to convey to a State or local interest, without
17 consideration, all right, title, and interest of the
18 United States in and to—

19 (i) any land in which the Federal Gov-
20 ernment has a property interest for the
21 project described in paragraph (1); and

22 (ii) improvements to the land de-
23 scribed in clause (i).

24 (B) RESPONSIBILITY FOR COSTS.—The
25 transferee shall be responsible for the payment

1 of all costs and administrative expenses associ-
2 ated with any transfer carried out pursuant to
3 subparagraph (A), including costs associated
4 with any land survey required to determine the
5 exact acreage and legal description of the land
6 and improvements to be transferred.

7 (C) OTHER TERMS AND CONDITIONS.—A
8 transfer under subparagraph (A) shall be sub-
9 ject to such other terms and conditions as the
10 Secretary determines to be necessary and ap-
11 propriate to protect the interests of the United
12 States.

13 (3) REVERSION.—If the Secretary determines
14 that the land and improvements conveyed under
15 paragraph (2) ceases to be owned by the public, all
16 right, title, and interest in and to the land and im-
17 provements shall revert, at the discretion of the Sec-
18 retary, to the United States.

19 (b) SARDIS LAKE, MISSISSIPPI.—

20 (1) IN GENERAL.—The Secretary is authorized
21 to convey to the lessee, at full fair market value, all
22 right, title and interest of the United States in and
23 to the property identified in the leases numbered
24 DACW38-1-15-7, DACW38-1-15-33, DACW38-1-
25 15-34, and DACW38-1-15-38, subject to such terms

1 and conditions as the Secretary determines to be
2 necessary and appropriate to protect the interests of
3 the United States.

4 (2) EASEMENT AND RESTRICTIVE COVENANT.—

5 The conveyance under paragraph (1) shall include—

6 (A) a restrictive covenant to require the
7 approval of the Secretary for any substantial
8 change in the use of the property; and

9 (B) a flowage easement.

10 (c) JOE POOL LAKE, TEXAS.—The Secretary shall
11 accept from the Trinity River Authority of Texas, if re-
12 ceived by September 30, 2016, \$31,233,401 as payment
13 in full of amounts owed to the United States, including
14 any accrued interest, for the approximately 61,747.1 acre-
15 feet of water supply storage space in Joe Pool Lake, Texas
16 (previously known as Lakeview Lake), for which payment
17 has not commenced under Article 5.a (relating to project
18 investment costs) of contract number DACW63-76-C-
19 0106 as of the date of enactment of this Act.

1 **TITLE VI—WATER RESOURCES**
 2 **INFRASTRUCTURE**

3 **SEC. 6001. AUTHORIZATION OF FINAL FEASIBILITY STUD-**
 4 **IES.**

5 The following final feasibility studies for water re-
 6 sources development and conservation and other purposes
 7 are authorized to be carried out by the Secretary substan-
 8 tially in accordance with the plan, and subject to the con-
 9 ditions, described in the respective reports designated in
 10 this section:

11 (1) NAVIGATION.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. TX	Brazos Island Harbor	November 3, 2014	Federal: \$116,116,000 Non-Federal: \$135,836,000 Total: \$251,952,000
2. LA	Calcasieu Lock	December 2, 2014	Federal: \$16,700,000 Non-Federal: \$0 Total: \$16,700,000
3. NH, ME	Portsmouth Harbor and Piscataqua River	February 8, 2015	Federal: \$15,580,000 Non-Federal: \$5,190,000 Total: \$20,770,000
4. KY	Green River Locks and Dams 3, 4, 5, and 6 and Barren River Lock and Dam 1 Disposition	April 30, 2015	Federal: \$0 Non-Federal: \$0 Total: \$0
5. FL	Port Everglades	June 25, 2015	Federal: \$220,200,000 Non-Federal: \$102,500,000 Total: \$322,700,000

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
6. AK	Little Diomedes	August 10, 2015	Federal: \$26,015,000 Non-Federal: \$2,945,000 Total: \$28,960,000
7. SC	Charleston Harbor	September 8, 2015	Federal: \$224,300,000 Non-Federal: \$269,000,000 Total: \$493,300,000
8. AK	Craig Harbor	March 16, 2016	Federal: \$29,062,000 Non-Federal: \$3,255,000 Total: \$32,317,000

1 ~~(2) FLOOD RISK MANAGEMENT.—~~

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. TX	Leon Creek Watershed, San Antonio	June 30, 2014	Federal: \$18,314,000 Non-Federal: \$9,861,000 Total: \$28,175,000
2. MO, KS	Armourdale and Central Industrial District Levee Units, Missouri River and Tributaries at Kansas City	January 27, 2015	Federal: \$207,036,000 Non-Federal: \$111,481,000 Total: \$318,517,000
3. KS	City of Manhattan	April 30, 2015	Federal: \$15,440,100 Non-Federal: \$8,313,900 Total: \$23,754,000
4. KS	Upper Turkey Creek Basin	December 22, 2015	Federal: \$24,584,000 Non-Federal: \$13,238,000 Total: \$37,822,000
5. NC	Princeville	February 23, 2016	Federal: \$14,001,000 Non-Federal: \$7,539,000 Total: \$21,540,000

2 ~~(2) FLOOD RISK MANAGEMENT.—~~

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. TX	<i>Leon Creek Watershed, San Antonio</i>	<i>June 30, 2014</i>	<i>Federal: \$18,314,000 Non-Federal: \$9,861,000 Total: \$28,175,000</i>
2. MO, KS	<i>Armourdale and Central Industrial District Levee Units, Missouri River and Tributaries at Kansas City</i>	<i>January 27, 2015</i>	<i>Federal: \$207,036,000 Non-Federal: \$111,481,000 Total: \$318,517,000</i>
3. KS	<i>City of Manhattan</i>	<i>April 30, 2015</i>	<i>Federal: \$15,440,100 Non-Federal: \$8,313,900 Total: \$23,754,000</i>
4. KS	<i>Upper Turkey Creek Basin</i>	<i>December 22, 2015</i>	<i>Federal: \$24,584,000 Non-Federal: \$13,238,000 Total: \$37,822,000</i>
5. NC	<i>Princeville</i>	<i>February 23, 2016</i>	<i>Federal: \$14,001,000 Non-Federal: \$7,539,000 Total: \$21,540,000</i>
6. CA	<i>West Sacramento</i>	<i>April 26, 2016</i>	<i>Federal: \$776,517,000 Non-Federal: \$414,011,000 Total: \$1,190,528,000</i>
7. CA	<i>American River Watershed Common Features</i>	<i>April 26, 2016</i>	<i>Federal: \$876,478,000 Non-Federal: \$689,272,000 Total: \$1,565,750,000</i>

1 (3) HURRICANE AND STORM DAMAGE RISK RE-
2 DUCATION.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Initial Costs and Estimated Renourishment Costs
1. SC	Edisto Beach, Colleton County	September 5, 2014	Initial Federal: \$13,733,850 Initial Non-Federal: \$7,395,150 Initial Total: \$21,129,000 Renourishment Federal: \$16,371,000 Renourishment Non-Federal: \$16,371,000 Renourishment Total: \$32,742,000
2. FL	Flagler County	December 23, 2014	Initial Federal: \$9,218,300 Initial Non-Federal: \$4,963,700 Initial Total: \$14,182,000 Renourishment Federal: \$15,390,000 Renourishment Non-Federal: \$15,390,000 Renourishment Total: \$30,780,000
3. NC	Bogue Banks, Carteret County	December 23, 2014	Initial Federal: \$24,263,000 Initial Non-Federal: \$13,064,000 Initial Total: \$37,327,000 Renourishment Federal: \$114,728,000 Renourishment Non-Federal: \$114,728,000 Renourishment Total: \$229,456,000
4. NJ	Hereford Inlet to Cape May Inlet, New Jersey Shoreline Pro- tection Project, Cape May County	January 23, 2015	Initial Federal: \$14,040,000 Initial Non-Federal: \$7,560,000 Initial Total: \$21,600,000 Renourishment Federal: \$41,215,000 Renourishment Non-Federal: \$41,215,000 Renourishment Total: \$82,430,000
5. LA	West Shore Lake Pontchartrain	June 12, 2015	Federal: \$466,760,000 Non-Federal: \$251,330,000 Total: \$718,090,000

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Initial Costs and Estimated Renourishment Costs
6. CA	Encinitas-Solana Beach Coastal Storm Damage Reduction	March 29, 2016	Initial Federal: \$20,166,000 Initial Non-Federal: \$10,858,000 Initial Total: \$31,024,000 Renourishment Federal: \$68,215,000 Renourishment Non-Federal: \$68,215,000 Renourishment Total: \$136,430,000

1 (4) FLOOD RISK MANAGEMENT AND ENVIRON-
2 MENTAL RESTORATION.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. IL, WI	Upper Des Plaines River and Tributaries	June 8, 2015	Federal: \$199,393,000 Non-Federal: \$107,694,000 Total: \$307,087,000
2. CA	South San Fran- cisco Bay Shoreline	December 18, 2015	Federal: \$69,521,000 Non-Federal: \$104,379,000 Total: \$173,900,000

3 (5) ENVIRONMENTAL RESTORATION.—

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
1. FL	Central Everglades Planning Project, Comprehensive Everglades Restoration Plan, Central and Southern Florida Project	December 23, 2014	Federal: \$976,375,000 Non-Federal: \$974,625,000 Total: \$1,951,000,000
2. OR	Lower Willamette River Environmental Dredging	December 14, 2015	Federal: \$19,143,000 Non-Federal: \$10,631,000 Total: \$29,774,000
3. WA	Skokomish River	December 14, 2015	Federal: \$12,782,000 Non-Federal: \$6,882,000 Total: \$19,664,000
4. CA	LA River Ecosystem Restoration	December 18, 2015	Federal: \$375,773,000 Non-Federal: \$980,835,000 Total: \$1,356,608,000

1 **SEC. 6002. AUTHORIZATION OF PROJECT MODIFICATIONS**

2 **RECOMMENDED BY THE SECRETARY.**

3 The following project modifications for water re-
4 sources development and conservation and other purposes
5 are authorized to be carried out by the Secretary substan-
6 tially in accordance with the recommendations of the Di-
7 rector of Civil Works, as specified in the reports referred
8 to in this section:

A. State	B. Name	C. Date of Director's Report	D. Updated Authorization Project Costs
1. KS, MO	Turkey Creek Basin	November 4, 2015	Estimated Federal: \$96,880,750 Estimated Non-Federal: \$52,954,250 Total: \$149,835,000
2. MO	Blue River Basin	November 6, 2015	Estimated Federal: \$34,537,000 Estimated Non-Federal: \$11,512,000 Total: \$46,049,000
3. FL	Picayune Strand	March 9, 2016	Estimated Federal: \$311,269,000 Estimated Non-Federal: \$311,269,000 Total: \$622,538,000
4. KY	Ohio River Shoreline	March 11, 2016	Estimated Federal: \$20,309,900 Estimated Non-Federal: \$10,936,100 Total: \$31,246,000

1 **SEC. 6003. AUTHORIZATION OF STUDY AND MODIFICATION**
2 **PROPOSALS SUBMITTED TO CONGRESS BY**
3 **THE SECRETARY.**

4 (a) ARCTIC DEEP DRAFT PORT DEVELOPMENT
5 PARTNERSHIPS.—Section 2105 of the Water Resources
6 Reform and Development Act of 2014 (33 U.S.C. 2243)
7 is amended—

8 (1) by striking “(25 U.S.C. 450b))” each place
9 it appears and inserting “(25 U.S.C. 250b)) and a
10 Native village, Regional Corporation, or Village Cor-
11 poration (as those terms are defined in section 3 of

1 the Alaska Native Claims Settlement Act (43 U.S.C.
2 1602)”; and

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

4 “(e) CONSIDERATION OF NATIONAL SECURITY IN-
5 TERESTS.—In carrying out a study of the feasibility of
6 an Arctic deep draft port, the Secretary—

7 “(1) shall consult with the Secretary of Home-
8 land Security and the Secretary of Defense to iden-
9 tify national security benefits associated with an
10 Arctic deep draft port; and

11 “(2) if appropriate, as determined by the Sec-
12 retary, may determine a port described in paragraph
13 (1) is feasible based on the benefits described in that
14 paragraph.”.

15 (b) OUACHITA-BLACK RIVERS, ARKANSAS AND LOU-
16 ISIANA.—The Secretary shall conduct a study to deter-
17 mine the feasibility of modifying the project for naviga-
18 tion, Ouachita-Black Rivers, authorized by section 101 of
19 the River and Harbor Act of 1960 (Public Law 86–645;
20 74 Stat. 481) to include bank stabilization and water sup-
21 ply as project purposes.

22 (c) CACHE CREEK BASIN, CALIFORNIA.—

23 (1) IN GENERAL.—The Secretary shall prepare
24 a general reevaluation report on the project for flood
25 control, Cache Creek Basin, California, authorized

1 by section 401(a) of the Water Resources Develop-
2 ment Act of 1986 (Public Law 99-662; 100 Stat.
3 4112).

4 (2) REQUIREMENTS.—In preparing the report
5 under paragraph (1), the Secretary shall identify
6 specific needed modifications to existing project au-
7 thorities—

8 (A) to increase basin capacity;

9 (B) to decrease the long-term maintenance;

10 and

11 (C) to provide opportunities for ecosystem
12 benefits for the Sacramento River flood control
13 project.

14 (d) COYOTE VALLEY DAM, CALIFORNIA.—The Sec-
15 retary shall conduct a study to determine the feasibility
16 of carrying out a project for flood damage reduction, envi-
17 ronmental restoration, and water supply by modifying the
18 Coyote Valley Dam, California.

19 (e) DEL ROSA DRAINAGE AREA, CALIFORNIA.—The
20 Secretary shall conduct a study to determine the feasibility
21 of carrying out projects for flood control and ecosystem
22 restoration in the cities of San Bernardino and Highland,
23 San Bernardino County, California.

24 (f) MERCED COUNTY, CALIFORNIA.—The Secretary
25 shall prepare a general reevaluation report on the project

1 for flood control, Merced County streams project, Cali-
2 fornia, authorized by section 10 of the Act of December
3 22, 1944 (58 Stat. 900; chapter 665), to investigate the
4 flood risk management opportunities and improve levee
5 performance along Black Rascal Creek and Bear Creek.

6 (g) MISSION-ZANJA DRAINAGE AREA, CALI-
7 FORNIA.—The Secretary shall conduct a study to deter-
8 mine the feasibility of carrying out projects for flood con-
9 trol and ecosystem restoration in the cities of Redlands,
10 Loma Linda, and San Bernardino, California, and unin-
11 corporated counties of San Bernardino County, California.

12 (h) SANTA ANA RIVER BASIN, CALIFORNIA.—The
13 Secretary shall conduct a study to determine the feasibility
14 of modifying the project for flood damage reduction by
15 modifying the San Jacinto and Bautista Creek Improve-
16 ment Project, part of the Santa Ana River Basin Project
17 in Riverside County, California.

18 (i) DELAWARE BAY COASTLINE, DELAWARE AND
19 NEW JERSEY-ROOSEVELT INLET-LEWES BEACH, DELA-
20 WARE.—The Secretary shall conduct a study to determine
21 the feasibility of modifying the project for shoreline pro-
22 tection and ecosystem restoration, Delaware Bay Coast-
23 line, Delaware and New Jersey-Roosevelt Inlet-Lewes
24 Beach, Delaware, authorized by section 101(a)(13) of the
25 Water Resources Development Act of 1999 (Public Law

1 106–53; 113 Stat. 276), to extend the authorized project
2 limit from the current eastward terminus to a distance of
3 8,000 feet east of the Roosevelt Inlet east jetty.

4 (j) MISPILLION INLET, CONCH BAR, DELAWARE.—
5 The Secretary shall conduct a study to determine the fea-
6 sibility of carrying out a project for navigation and shore-
7 line protection at Mispillion Inlet and Conch Bar, Sussex
8 County, Delaware.

9 (k) DAYTONA BEACH FLOOD PROTECTION, FLOR-
10 IDA.—The Secretary shall conduct a study to determine
11 the feasibility of carrying out projects for flood control in
12 the city of Daytona Beach, Florida.

13 (l) BRUNSWICK HARBOR, GEORGIA.—The Secretary
14 shall conduct a study to determine the feasibility of modi-
15 fying the project for navigation, Brunswick Harbor, Geor-
16 gia, authorized by section 101(a)(19) of the Water Re-
17 sources and Development Act of 1999 (Public Law 106–
18 53; 113 Stat. 277)—

19 (1) to widen the existing bend in the Federal
20 navigation channel at the intersection of Cedar
21 Hammock and Brunswick Point Cut Ranges; and

22 (2) to extend the northwest side of the existing
23 South Brunswick River Turning Basin.

24 (m) SAVANNAH RIVER BELOW AUGUSTA, GEOR-
25 GIA.—The Secretary shall conduct a study to determine

1 the feasibility of modifying the project for navigation, Sa-
2 vannah River below Augusta, Georgia, authorized by the
3 first section of the Act of July 3, 1930 (46 Stat. 924,
4 chapter 847), to include aquatic ecosystem restoration,
5 water supply, recreation, sediment management, and flood
6 control as project purposes.

7 (n) DUBUQUE, IOWA.—The Secretary shall conduct
8 a study to determine the feasibility of modifying the
9 project for flood protection, Dubuque, Iowa, authorized by
10 section 208 of the Flood Control Act of 1965 (Public Law
11 89–298; 79 Stat. 1086), to increase the level of flood pro-
12 tection and reduce flood damages.

13 (o) MISSISSIPPI RIVER SHIP CHANNEL, GULF TO
14 BATON ROUGE, LOUISIANA.—The Secretary shall conduct
15 a study to determine the feasibility of modifying the
16 project for navigation, Mississippi River Ship Channel,
17 Gulf to Baton Rouge, Louisiana, authorized by section
18 201(a) of the Harbor Development and Navigation Im-
19 provement Act of 1986 (Public Law 99–662; 100 Stat.
20 4090), to deepen the channel approaches and the associ-
21 ated area on the left descending bank of the Mississippi
22 River between mile 98.3 and mile 100.6 Above Head of
23 Passes (AHP) to a depth equal to the Channel.

24 (p) ST. TAMMANY PARISH GOVERNMENT COM-
25 PREHENSIVE COASTAL MASTER PLAN, LOUISIANA.—The

1 Secretary shall conduct a study to determine the feasibility
2 of carrying out projects described in the St. Tammany
3 Parish Comprehensive Coastal Master Plan for flood con-
4 trol, shoreline protection, and ecosystem restoration in St.
5 Tammany Parish, Louisiana.

6 (q) CAYUGA INLET, ITHACA, NEW YORK.—The Sec-
7 retary shall conduct a study to determine the feasibility
8 of modifying the project for flood protection, Great Lakes
9 Basin, authorized by section 203 of the Flood Control Act
10 of 1960 (Public Law 86–645; 74 Stat. 488) to include
11 sediment management as a project purpose on the Cayuga
12 Inlet, Ithaca, New York.

13 (r) CHAUTAUQUA COUNTY, NEW YORK.—

14 (1) IN GENERAL.—The Secretary shall conduct
15 a study to determine the feasibility of carrying out
16 projects for flood risk management, navigation, envi-
17 ronmental dredging, and ecosystem restoration on
18 the Cattaraugus, Silver Creek, and Chautauqua
19 Lake tributaries in Chautauqua County, New York.

20 (2) EVALUATION OF POTENTIAL SOLUTIONS.—
21 In conducting the study under paragraph (1), the
22 Secretary shall evaluate potential solutions to flood-
23 ing from all sources, including flooding that results
24 from ice jams.

25 (s) CINCINNATI, OHIO.—

1 (1) IN GENERAL.—The Secretary shall review
2 the ecosystem restoration and flood risk reduction
3 components of the Central Riverfront Park Master
4 Plan, dated December 1999, for the purpose of de-
5 termining whether or not the study, and the process
6 under which the study was developed, each comply
7 with Federal law (including regulations) applicable
8 to feasibility studies for water resources development
9 projects.

10 (2) RECOMMENDATION.—Not later than 180
11 days after reviewing the Master Plan under para-
12 graph (1), the Secretary shall submit to Congress—

13 (A) the results of the review of the Master
14 Plan, including a determination of whether any
15 project identified in the plan is feasible;

16 (B) any recommendations of the Secretary
17 related to any modifications to section 5116 of
18 the Water Resources Development Act of 2007
19 (Public Law 110–114; 121 Stat. 1238) nec-
20 essary to carry out any projects determined to
21 be feasible.

22 (t) TULSA AND WEST TULSA, ARKANSAS RIVER,
23 OKLAHOMA.—

24 (1) IN GENERAL.—The Secretary shall conduct
25 a study to determine the feasibility of modifying the

1 projects for flood risk management, Tulsa and West
2 Tulsa, Oklahoma, authorized by section 3 of the Act
3 of August 18, 1941 (55 Stat. 645; chapter 377).

4 (2) REQUIREMENTS.—

5 (A) IN GENERAL.—In carrying out the
6 study under paragraph (1), the Secretary shall
7 address project deficiencies, uncertainties, and
8 significant data gaps, including material, con-
9 struction, and subsurface, which render the
10 project at risk of overtopping, breaching, or sys-
11 tem failure.

12 (B) ADDRESSING DEFICIENCIES.—In ad-
13 dressing deficiencies under subparagraph (A),
14 the Secretary shall incorporate current design
15 standards and efficiency improvements, includ-
16 ing the replacement of mechanical and electrical
17 components at pumping stations, if the incorpo-
18 ration does not significantly change the scope,
19 function, or purpose of the project.

20 (3) PRIORITIZATION TO ADDRESS SIGNIFICANT
21 RISKS.—In any case in which a levee or levee system
22 (as defined in section 9002 of the Water Resources
23 Reform and Development Act of 2007 (33 U.S.C.
24 3301)) is classified as a Class I or II under the levee
25 safety action classification tool developed by the

1 Corps of Engineers, the Secretary shall expedite the
2 project for budget consideration.

3 (u) JOHNSTOWN, PENNSYLVANIA.—The Secretary
4 shall conduct a study to determine the feasibility of modi-
5 fying the project for flood control, Johnstown, Pennsyl-
6 vania, authorized by the Act of June 22, 1936 (49 Stat.
7 1570, chapter 688; 50 Stat. 880) (commonly known as
8 the “Flood Control Act of 1936”), to include aquatic eco-
9 system restoration, recreation, sediment management, and
10 increase the level of flood control.

11 (v) CHACON CREEK, TEXAS.—Notwithstanding any
12 other provision of law (including any resolution of a Com-
13 mittee of Congress), the study conducted by the Secretary
14 described in the resolution adopted by the Committee on
15 Transportation and Infrastructure of the House of Rep-
16 resentatives on May 21, 2003, relating to flood damage
17 reduction, environmental restoration and protection, water
18 conservation and supply, water quality, and related pur-
19 poses in the Rio Grande Watershed below Falcon Dam,
20 shall include the area above Falcon Dam.

21 (w) CORPUS CHRISTI SHIP CHANNEL, TEXAS.—The
22 Secretary shall conduct a study to determine the feasibility
23 of modifying the project for navigation and ecosystem res-
24 toration, Corpus Christi Ship Channel, Texas, authorized
25 by section 1001(40) of the Water Resources Development

1 Act of 2007 (Public Law 110–114; 121 Stat. 1056), to
2 develop and evaluate alternatives that address navigation
3 problems directly affecting the Corpus Christi Ship Chan-
4 nel, La Quinta Channel, and La Quinta Channel Exten-
5 sion, including deepening the La Quinta Channel, 2 turn-
6 ing basins, and the wye at La Quinta Junction.

7 (x) TRINITY RIVER AND TRIBUTARIES, TEXAS.—

8 (1) REVIEW.—Not later than 180 days after
9 the date of enactment of this Act, the Secretary
10 shall review the economic analysis of the Center for
11 Economic Development and Research of the Univer-
12 sity of North Texas entitled “Estimated Economic
13 Benefits of the Modified Central City Project (Trin-
14 ity River Vision) in Fort Worth, Texas” and dated
15 November 2014.

16 (2) AUTHORIZATION.—The project for flood
17 control and other purposes on the Trinity River and
18 tributaries, Texas, authorized by the River and Har-
19 bor Act of 1965 (Public Law 89–298; 79 Stat.
20 1091), as modified by section 116 the Energy and
21 Water Development Appropriations Act, 2005 (Pub-
22 lic Law 108–447; 118 Stat. 2944), is further modi-
23 fied to authorize the Secretary to carry out projects
24 described in the recommended plan of the economic
25 analysis described in paragraph (1), if the Secretary

1 determines, based on the review referred to in para-
2 graph (1), that—

3 (A) the economic analysis and the process
4 by which the economic analysis was developed
5 complies with Federal law (including regula-
6 tions) applicable to economic analyses for water
7 resources development projects; and

8 (B) based on the economic analysis, the
9 recommended plan in the supplement to the
10 final environmental impact statement for the
11 Central City Project, Upper Trinity River enti-
12 tled “Final Supplemental No. 1” is economi-
13 cally justified.

14 (3) LIMITATION.—The Federal share of the
15 cost of the recommended plan described in para-
16 graph (2) shall not exceed \$520,000,000, of which
17 not more than \$5,500,000 may be expended to carry
18 out recreation features of the project.

19 (y) CHINCOTEAGUE ISLAND, VIRGINIA.—The Sec-
20 retary shall conduct a study to determine the feasibility
21 of carrying out projects for ecosystem restoration and
22 flood control, Chincoteague Island, Virginia, authorized by
23 section 8 of Public Law 89–195 (16 U.S.C. 459f–7) (com-
24 monly known as the “Assateague Island National Sea-
25 shore Act”) for—

1 (1) assessing the current and future function of
2 the barrier island, inlet, and coastal bay system sur-
3 rounding Chincoteague Island;

4 (2) developing an array of options for resource
5 management; and

6 (3) evaluating the feasibility and cost associated
7 with sustainable protection and restoration areas.

8 (z) BURLEY CREEK WATERSHED, WASHINGTON.—

9 The Secretary shall conduct a study to determine the fea-
10 sibility of carrying out projects for flood control and
11 aquatic ecosystem restoration in the Burley Creek Water-
12 shed, Washington.

13 **TITLE VII—SAFE DRINKING**
14 **WATER AND CLEAN WATER**
15 **INFRASTRUCTURE**

16 **SEC. 7001. DEFINITION OF ADMINISTRATOR.**

17 In this title, the term “Administrator” means the Ad-
18 ministrator of the Environmental Protection Agency.

19 **SEC. 7002. SENSE OF THE SENATE ON APPROPRIATIONS**
20 **LEVELS AND FINDINGS ON ECONOMIC IM-**
21 **PACTS.**

22 (a) SENSE OF THE SENATE.—It is the sense of the
23 Senate that Congress should provide robust funding for
24 the State drinking water treatment revolving loan funds
25 established under section 1452 of the Safe Drinking

1 Water Act (42 U.S.C. 300j–12) and the State water pollu-
2 tion control revolving funds established under title VI of
3 the Federal Water Pollution Control Act (33 U.S.C. 1381
4 et seq.).

5 (b) FINDINGS.—Congress finds, based on an analysis
6 sponsored by the Water Environment Federation and the
7 WaterReuse Association of the nationwide impact of State
8 revolving loan fund spending using the IMPLAN economic
9 model developed by the Federal Government, that, in addi-
10 tion to the public health and environmental benefits, the
11 Federal investment in safe drinking water and clean water
12 provides the following benefits:

13 (1) Generation of significant Federal tax rev-
14 enue, as evidenced by the following:

15 (A) Every dollar of a Federal capitalization
16 grant returns \$0.21 to the general fund of the
17 Treasury in the form of Federal taxes and,
18 when additional spending from the State revolv-
19 ing loan funds is considered to be the result of
20 leveraging the Federal investment, every dollar
21 of a Federal capitalization grant returns \$0.93
22 in Federal tax revenue.

23 (B) A combined \$34,700,000,000 in cap-
24 italization grants for the clean water and state
25 drinking water state revolving loan funds de-

1 scribed in subsection (a) over a period of 5
2 years would generate \$7,430,000,000 in Fed-
3 eral tax revenue and, when additional spending
4 from the State revolving loan funds is consid-
5 ered to be the result of leveraging the Federal
6 investment, the Federal investment will result
7 in \$32,300,000,000 in Federal tax revenue dur-
8 ing that 5-year period.

9 (2) An increase in employment, as evidenced by
10 the following:

11 (A) Every \$1,000,000 in State revolving
12 loan fund spending generates 16 ½ jobs.

13 (B) \$34,700,000,000 in Federal capitaliza-
14 tion grants for State revolving loan funds over
15 a period of 5 years would result in 506,000
16 jobs.

17 (3) An increase in economic output:

18 (A) Every \$1,000,000 in State revolving
19 loan fund spending results in \$2,950,000 in
20 output for the economy of the United States.

21 (B) \$34,700,000,000 in Federal capitaliza-
22 tion grants for State revolving loan funds over
23 a period of 5 years will generate
24 \$102,700,000,000 in total economic output.

1 **Subtitle A—Drinking Water**

2 **SEC. 7101. PRECONSTRUCTION WORK.**

3 Section 1452(a)(2) of the Safe Drinking Water Act
4 (42 U.S.C. 300j–12(a)(2)) is amended—

5 (1) by designating the first, second, third,
6 fourth, and fifth sentences as subparagraphs (A),
7 (B), (D), (E), and (F), respectively;

8 (2) in subparagraph (B) (as designated by
9 paragraph (1))—

10 (A) by striking “(not” and inserting “(in-
11 cluding expenditures for planning, design, and
12 associated preconstruction activities, including
13 activities relating to the siting of the facility,
14 but not”;

15 (B) by inserting before the period at the
16 end the following: “or to replace or rehabilitate
17 aging treatment, storage, or distribution facili-
18 ties of public water systems or provide for cap-
19 ital projects (excluding any expenditure for op-
20 erations and maintenance) to upgrade the secu-
21 rity of public water systems”;

22 (3) by inserting after subparagraph (B) (as
23 designated by paragraph (1)) the following:

24 “(C) SALE OF BONDS.—Funds may also
25 be used by a public water system as a source

1 of revenue (restricted solely to interest earnings
2 of the applicable State loan fund) or security
3 for payment of the principal and interest on
4 revenue or general obligation bonds issued by
5 the State to provide matching funds under sub-
6 section (e), if the proceeds of the sale of the
7 bonds will be deposited in the State loan
8 fund.”.

9 **SEC. 7102. PRIORITY SYSTEM REQUIREMENTS.**

10 Section 1452(b)(3) of the Safe Drinking Water Act
11 (42 U.S.C. 300j–12(b)(3)) is amended—

12 (1) by redesignating subparagraph (B) as sub-
13 paragraph (D);

14 (2) by striking subparagraph (A) and inserting
15 the following:

16 “(A) DEFINITION OF RESTRUCTURING.—
17 In this paragraph, the term ‘restructuring’
18 means changes in operations (including owner-
19 ship, cooperative partnerships, asset manage-
20 ment, consolidation, and alternative water sup-
21 ply).

22 “(B) PRIORITY SYSTEM.—An intended use
23 plan shall provide, to the maximum extent prac-
24 ticable, that priority for the use of funds be
25 given to projects that—

1 “(i) address the most serious risk to
2 human health;

3 “(ii) are necessary to ensure compli-
4 ance with this title (including requirements
5 for filtration);

6 “(iii) assist systems most in need on
7 a per-household basis according to State
8 affordability criteria; and

9 “(iv) improve the sustainability of sys-
10 tems.

11 “(C) WEIGHT GIVEN TO APPLICATIONS.—
12 After determining project priorities under sub-
13 paragraph (B), an intended use plan shall pro-
14 vide that the State shall give greater weight to
15 an application for assistance by a community
16 water system if the application includes such in-
17 formation as the State determines to be nec-
18 essary and contains—

19 “(i) a description of utility manage-
20 ment best practices undertaken by a treat-
21 ment works applying for assistance, includ-
22 ing—

23 “(I) an inventory of assets, in-
24 cluding a description of the condition
25 of the assets;

1 “(II) a schedule for replacement
2 of assets;

3 “(III) a financing plan that fac-
4 tors in all lifecycle costs indicating
5 sources of revenue from ratepayers,
6 grants, bonds, other loans, and other
7 sources to meet the costs; and

8 “(IV) a review of options for re-
9 structuring the public water system;

10 “(ii) demonstration of consistency
11 with State, regional, and municipal water-
12 shed plans;

13 “(iii) a water conservation plan con-
14 sistent with guidelines developed for those
15 plans by the Administrator under section
16 1455(a); and

17 “(iv) approaches to improve the sus-
18 tainability of the system, including—

19 “(I) water efficiency or conserva-
20 tion, including the rehabilitation or re-
21 placement of existing leaking pipes;

22 “(II) use of reclaimed water;

23 “(III) actions to increase energy
24 efficiency; and

1 “(IV) implementation of source
2 water protection plans.”; and

3 (3) in subparagraph (D) (as redesignated by
4 paragraph (1)), by striking “periodically” and in-
5 serting “at least biennially”.

6 **SEC. 7103. ADMINISTRATION OF STATE LOAN FUNDS.**

7 Section 1452(g)(2) of the Safe Drinking Water Act
8 (42 U.S.C. 300j–12(g)(2)) is amended—

9 (1) in the first sentence, by striking “up to 4
10 percent of the funds allotted to the State under this
11 section” and inserting “, for each fiscal year, an
12 amount that does not exceed the sum of the amount
13 of any fees collected by the State for use in covering
14 reasonable costs of administration of programs
15 under this section, regardless of the source, and an
16 amount equal to the greatest of \$400,000, $\frac{1}{5}$ per-
17 cent of the current valuation of the fund, or 4 per-
18 cent of all grant awards to the fund under this sec-
19 tion for the fiscal year,”; and

20 (2) by striking “1419,” and all that follows
21 through “1993.” and inserting “1419.”.

22 **SEC. 7104. OTHER AUTHORIZED ACTIVITIES.**

23 Section 1452(k)(2)(D) of the Safe Drinking Water
24 Act (42 U.S.C. 300j–12(k)(2)(D)) is amended by inserting

1 before the period at the end the following: “(including im-
2 plementation of source water protection plans)”.

3 **SEC. 7105. NEGOTIATION OF CONTRACTS.**

4 Section 1452 of the Safe Drinking Water Act (42
5 U.S.C. 300j–12) is amended by adding at the end the fol-
6 lowing:

7 “(s) NEGOTIATION OF CONTRACTS.—For commu-
8 nities with populations of more than 10,000 individuals,
9 a contract to be carried out using funds directly made
10 available by a capitalization grant under this section for
11 program management, construction management, feasi-
12 bility studies, preliminary engineering, design, engineer-
13 ing, surveying, mapping, or architectural or related serv-
14 ices shall be negotiated in the same manner as—

15 “(1) a contract for architectural and engineer-
16 ing services is negotiated under chapter 11 of title
17 40, United States Code; or

18 “(2) an equivalent State qualifications-based re-
19 quirement (as determined by the Governor of the
20 State).”.

21 **SEC. 7106. ASSISTANCE FOR SMALL AND DISADVANTAGED**
22 **COMMUNITIES.**

23 (a) IN GENERAL.—Part E of the Safe Drinking
24 Water Act (42 U.S.C. 300j et seq.) is amended by adding
25 at the end the following:

1 **“SEC. 1459A. ASSISTANCE FOR SMALL AND DISADVAN-**
2 **TAGED COMMUNITIES.**

3 “(a) DEFINITION OF UNDERSERVED COMMUNITY.—

4 In this section:

5 “(1) IN GENERAL.—The term ‘underserved
6 community’ means a local political subdivision that,
7 as determined by the Administrator, has an inad-
8 equate drinking water or wastewater system.

9 “(2) INCLUSIONS.—The term ‘underserved
10 community’ includes a local political subdivision
11 that, as determined by the Administrator—

12 “(A) does not have household drinking
13 water or wastewater services; and

14 “(B) has a drinking water system that
15 fails to meet health-based standards under this
16 Act, including—

17 “(i) a maximum contaminant level for
18 a primary drinking water contaminant;

19 “(ii) a treatment technique violation;
20 and

21 “(iii) an action level exceedance.

22 “(b) ESTABLISHMENT.—

23 “(1) IN GENERAL.—The Administrator shall es-
24 tablish a program under which grants are provided
25 to eligible entities for use in carrying out projects
26 and activities the primary purposes of which are to

1 assist community water systems in meeting the re-
2 quirements of this Act.

3 “(2) INCLUSIONS.—Projects and activities
4 under paragraph (1) include—

5 “(A) infrastructure investments necessary
6 to comply with the requirements of this Act,

7 “(B) assistance that directly and primarily
8 benefits the disadvantaged community on a per-
9 household basis, and

10 “(C) programs to provide water quality
11 testing.

12 “(c) ELIGIBLE ENTITIES.—An entity eligible to re-
13 ceive a grant under this section—

14 “(1) is—

15 “(A) a community water system as defined
16 in section 1401; or

17 “(B) a system that is located in an area
18 governed by an Indian Tribe (as defined in sec-
19 tion 1401); and

20 “(2) serves a community that, under afford-
21 ability criteria established by the State under section
22 1452(d)(3), is determined by the State—

23 “(A) to be a disadvantaged community;

1 “(B) to be a community that may become
2 a disadvantaged community as a result of car-
3 rying out an eligible activity; or

4 “(C) to serve a community with a popu-
5 lation of less than 10,000 individuals that the
6 Administrator determines does not have the ca-
7 pacity to incur debt sufficient to finance the
8 project under subsection (b).

9 “(d) PRIORITY.—In prioritizing projects for imple-
10 mentation under this section, the Administrator shall give
11 priority to systems that serve underserved communities.

12 “(e) LOCAL PARTICIPATION.—In prioritizing projects
13 for implementation under this section, the Administrator
14 shall consult with, and consider the priorities of, affected
15 States, Indian Tribes, and local governments.

16 “(f) COST SHARING.—Before carrying out any
17 project under this section, the Administrator shall enter
18 into a binding agreement with 1 or more non-Federal in-
19 terests that shall require the non-Federal interests—

20 “(1) to pay not less than 45 percent of the total
21 costs of the project, which may include services, ma-
22 terials, supplies, or other in-kind contributions;

23 “(2) to provide any land, easements, rights-of-
24 way, and relocations necessary to carry out the
25 project; and

1 “(3) to pay 100 percent of any operation, main-
2 tenance, repair, replacement, and rehabilitation costs
3 associated with the project.

4 “(g) WAIVER.—The Administrator may waive the re-
5 quirement to pay the non-Federal share of the cost of car-
6 rying out an eligible activity using funds from a grant pro-
7 vided under this section if the Administrator determines
8 that an eligible entity is unable to pay, or would experience
9 significant financial hardship if required to pay, the non-
10 Federal share.

11 “(h) AUTHORIZATION OF APPROPRIATIONS.—There
12 are authorized to be appropriated to carry out this sec-
13 tion—

14 “(1) \$230,000,000 for fiscal year 2017; and

15 “(2) \$300,000,000 for each of fiscal years 2018
16 through 2021.”.

17 (b) FUNDING.—Out of any funds in the Treasury not
18 otherwise appropriated, the Secretary of the Treasury
19 shall transfer to the Administrator to provide grants to
20 eligible entities under section 1459A of the Safe Drinking
21 Water Act (as added by subsection (a)), \$20,000,000, to
22 remain available until expended.

1 **SEC. 7107. REDUCING LEAD IN DRINKING WATER.**

2 (a) IN GENERAL.—Part E of the Safe Drinking
3 Water Act (42 U.S.C. 300j et seq.) (as amended by section
4 7106) is amended by adding at the end the following:

5 **“SEC. 1459B. REDUCING LEAD IN DRINKING WATER.**

6 “(a) DEFINITIONS.—In this section:

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

9 “(A) a community water system;

10 “(B) a system located in an area governed
11 by an Indian Tribe;

12 “(C) a nontransient noncommunity water
13 system;

14 “(D) a qualified nonprofit organization, as
15 determined by the Administrator; and

16 “(E) a municipality or State, interstate, or
17 intermunicipal agency.

18 “(2) LEAD REDUCTION PROJECT.—

19 “(A) IN GENERAL.—The term ‘lead reduc-
20 tion project’ means a project or activity the pri-
21 mary purpose of which is to reduce the level of
22 lead in water for human consumption by—

23 “(i) replacement of publicly owned
24 lead service lines;

25 “(ii) testing, planning, or other rel-
26 evant activities, as determined by the Ad-

1 administrator, to identify and address condi-
2 tions (including corrosion control) that
3 contribute to increased lead levels in water
4 for human consumption;

5 “(iii) assistance to low-income home-
6 owners to replace privately owned service
7 lines, pipes, fittings, or fixtures that con-
8 tain lead; and

9 “(iv) education of consumers regard-
10 ing measures to reduce exposure to lead
11 from drinking water or other sources.

12 “(B) LIMITATION.—The term ‘lead reduc-
13 tion project’ does not include a partial lead
14 service line replacement if, at the conclusion of
15 the service line replacement, drinking water is
16 delivered to a household through a publicly or
17 privately owned portion of a lead service line.

18 “(3) LOW-INCOME.—The term ‘low-income’,
19 with respect to an individual provided assistance
20 under this section, has such meaning as may be
21 given the term by the head of the municipality or
22 State, interstate, or intermunicipal agency with ju-
23 risdiction over the area to which assistance is pro-
24 vided.

1 “(4) MUNICIPALITY.—The term ‘municipality’
2 means—

3 “(A) a city, town, borough, county, parish,
4 district, association, or other public entity es-
5 tablished by, or pursuant to, applicable State
6 law; and

7 “(B) an Indian tribe (as defined in section
8 4 of the Indian Self-Determination and Edu-
9 cation Assistance Act (25 U.S.C. 450b)).

10 “(b) GRANT PROGRAM.—

11 “(1) ESTABLISHMENT.—The Administrator
12 shall establish a grant program to provide assistance
13 to eligible entities for lead reduction projects in the
14 United States.

15 “(2) PRECONDITION.—As a condition of receipt
16 of assistance under this section, before receiving the
17 assistance the eligible entity shall take steps to iden-
18 tify—

19 “(A) the source of lead in water for human
20 consumption; and

21 “(B) the means by which the proposed lead
22 reduction project would reduce lead levels in the
23 applicable water system.

1 “(3) PRIORITY APPLICATION.—In providing
2 grants under this subsection, the Administrator shall
3 give priority to an eligible entity that—

4 ~~“(A) demonstrates that the eligible entity
5 is unable to fund the proposed lead reduction
6 project through other sources of funding; and~~

7 “(A) the Administrator determines, based
8 on affordability criteria established by the State
9 under section 1452(d)(3), to be a disadvantaged
10 community; and

11 “(B) proposes to—

12 “(i) carry out a lead reduction project
13 at a public water system or nontransient
14 noncommunity water system that has ex-
15 ceeded the lead action level established by
16 the Administrator at any time during the
17 3-year period preceding the date of submis-
18 sion of the application of the eligible enti-
19 ty;

20 “(ii) address lead levels in water for
21 human consumption at a school, daycare,
22 or other facility that primarily serves chil-
23 dren or another vulnerable human sub-
24 population; or

1 “(iii) address such priority criteria as
2 the Administrator may establish, consistent
3 with the goal of reducing lead levels of con-
4 cern.

5 “(4) COST SHARING.—

6 “(A) IN GENERAL.—Subject to subpara-
7 graph (B), the non-Federal share of the total
8 cost of a project funded by a grant under this
9 subsection shall be not less than 20 percent.

10 “(B) WAIVER.—The Administrator may
11 reduce or eliminate the non-Federal share
12 under subparagraph (A) for reasons of afford-
13 ability, as the Administrator determines to be
14 appropriate.

15 “(5) LOW-INCOME ASSISTANCE.—

16 “(A) IN GENERAL.—Subject to subpara-
17 graph (B), an eligible entity may use a grant
18 provided under this subsection to provide assist-
19 ance to low-income homeowners to carry out
20 lead reduction projects.

21 “(B) LIMITATION.—The amount of a
22 grant provided to a low-income homeowner
23 under this paragraph shall not exceed the cost
24 of replacement of the privately owned portion of
25 the service line.

1 “(6) SPECIAL CONSIDERATION FOR LEAD SERV-
2 ICE LINE REPLACEMENT.—In carrying out lead serv-
3 ice line replacement using a grant under this sub-
4 section, an eligible entity shall—

5 “(A) notify customers of the replacement
6 of any publicly owned portion of the lead service
7 line;

8 “(B) in the case of a homeowner who is
9 not low-income, offer to replace the privately
10 owned portion of the lead service line at the
11 cost of replacement;

12 “(C) in the case of a low-income home-
13 owner, offer to replace the privately owned por-
14 tion of the lead service line and any pipes, fit-
15 ting, and fixtures that contain lead at a cost
16 that is equal to the difference between—

17 “(i) the cost of replacement; and

18 “(ii) the amount of low-income assist-
19 ance available to the homeowner under
20 paragraph (5);

21 “(D) notify each customer that a planned
22 replacement of any publicly owned portion of a
23 lead service line that is funded by a grant made
24 under this subsection will not be carried out un-
25 less the customer agrees to the simultaneous re-

1 placement of the privately owned portion of the
2 lead service line; and

3 “(E) demonstrate that the eligible entity
4 has considered multiple options for reducing
5 lead in drinking water, including an evaluation
6 of options for corrosion control.

7 “(c) AUTHORIZATION OF APPROPRIATIONS.—There
8 is authorized to be appropriated to carry out this section
9 \$60,000,000 for each of fiscal years 2017 through 2021.”.

10 (b) FUNDING.—Out of any funds in the Treasury not
11 otherwise appropriated, the Secretary of the Treasury
12 shall transfer to the Administrator to provide grants to
13 eligible entities under this section under section 1459B of
14 the Safe Drinking Water Act (as added by subsection (a)),
15 \$20,000,000, to remain available until expended.

16 **SEC. 7108. REGIONAL LIAISONS FOR MINORITY, TRIBAL,**
17 **AND LOW-INCOME COMMUNITIES.**

18 (a) IN GENERAL.—The Administrator shall appoint
19 not fewer than 1 employee in each regional office of the
20 Environmental Protection Agency to serve as a liaison to
21 minority, tribal, and low-income communities in the rel-
22 evant region.

23 (b) PUBLIC IDENTIFICATION.—The Administrator
24 shall identify each regional liaison selected under sub-
25 section (a) on the website of—

1 (1) the relevant regional office of the Environ-
2 mental Protection Agency; and

3 (2) the Office of Environmental Justice of the
4 Environmental Protection Agency.

5 **SEC. 7109. NOTICE TO PERSONS SERVED.**

6 (a) EXCEEDANCE OF LEAD ACTION LEVEL.—Section
7 1414(c) of the Safe Drinking Water Act (42 U.S.C. 300g–
8 3(c)) is amended—

9 (1) in paragraph (1), by adding at the end the
10 following:

11 “(D) Notice of any exceedance of a lead
12 action level or any other prescribed level of lead
13 in a regulation issued under section 1412, in-
14 cluding the concentrations of lead found in a
15 monitoring activity.”;

16 (2) in paragraph (2)—

17 (A) in subparagraph (C)—

18 (i) in clause (iii)—

19 (I) by striking “Administrator
20 or” and inserting “Administrator, the
21 Director of the Centers for Disease
22 Control and Prevention, and, if appli-
23 cable,”; and

1 (II) by inserting “and the appro-
2 priate State and county health agen-
3 cies” after “1413”;

4 (B) by redesignating subparagraphs (D)
5 and (E) as subparagraphs (E) and (F), respec-
6 tively; and

7 (C) by inserting after subparagraph (C)
8 the following:

9 “(D) EXCEEDANCE OF LEAD ACTION
10 LEVEL.—Regulations issued under subpara-
11 graph (A) shall specify notification procedures
12 for an exceedance of a lead action level or any
13 other prescribed level of lead in a regulation
14 issued under section 1412.”;

15 (3) by redesignating paragraphs (3) and (4) as
16 paragraphs (4) and (5), respectively; and

17 (4) by inserting after paragraph (2) the fol-
18 lowing:

19 “(3) NOTIFICATION OF THE PUBLIC RELATING
20 TO LEAD.—

21 “(A) EXCEEDANCE OF LEAD ACTION
22 LEVEL.—Not later than 15 days after the date
23 of an exceedance of a lead action level or any
24 other prescribed level of lead in a regulation
25 issued under section 1412, the Administrator

1 shall notify the public of the concentrations of
2 lead found in the monitoring activity conducted
3 by the public water system if the public water
4 system or the State does not notify the public
5 of the concentrations of lead found in a moni-
6 toring activity.

7 “(B) RESULTS OF LEAD MONITORING.—

8 “(i) IN GENERAL.—The Administrator
9 may provide notice of any result of lead
10 monitoring conducted by a public water
11 system to—

12 “(I) any person that is served by
13 the public water system; or

14 “(II) the local or State health de-
15 partment of a locality or State in
16 which the public water system is lo-
17 cated.

18 “(ii) FORM OF NOTICE.—The Admin-
19 istrator may provide the notice described
20 in clause (i) by—

21 “(I) press release; or

22 “(II) other form of communica-
23 tion, including local media.

1 “(C) PRIVACY.—Notice to the public shall
2 protect the privacy of individual customer infor-
3 mation.”.

4 (b) CONFORMING AMENDMENTS.—Section 1414(c)
5 of the Safe Drinking Water Act (42 U.S.C. 300g–3(e))
6 is amended—

7 (1) in paragraph (1)(C), by striking “paragraph
8 (2)(E)” and inserting “paragraph (2)(F)”;

9 (2) in paragraph (2)(B)(i)(II), by striking “sub-
10 paragraph (D)” and inserting “subparagraph (E)”;
11 and

12 (3) in paragraph (3)(B), in the first sentence,
13 by striking “(D)” and inserting “(E)”.

14 **SEC. 7110. ELECTRONIC REPORTING OF DRINKING WATER**
15 **DATA.**

16 Section 1414 of the Safe Drinking Water Act (42
17 U.S.C. 300g–3) is amended by adding at the end the fol-
18 lowing:

19 “(j) ELECTRONIC REPORTING OF COMPLIANCE MON-
20 ITORING DATA.—

21 “(1) IN GENERAL.—As a condition on the re-
22 ceipt of funds under this Act, the Administrator
23 shall require electronic submission of available com-
24 pliance monitoring data, if practicable—

25 “(A) by public water systems—

1 “(i) to the Administrator; or

2 “(ii) with respect to a public water
3 system in a State that has primary en-
4 forcement responsibility under section
5 1413, to that State; and

6 “(B) by each State that has primary en-
7 forcement responsibility under section 1413 to
8 the Administrator.

9 “(2) CONSIDERATIONS.—In determining wheth-
10 er the condition referred to in paragraph (1) is prac-
11 ticable, the Administrator shall consider—

12 “(A) the ability of a public water system or
13 State to meet the requirements of sections 3.1
14 through 3.2000 of title 40, Code of Federal
15 Regulations (or successor regulations);

16 “(B) information system compatibility;

17 “(C) the size of the public water system;

18 and

19 “(D) the size of the community served by
20 the public water system.”.

21 **SEC. 7111. LEAD TESTING IN SCHOOL AND CHILD CARE**
22 **DRINKING WATER.**

23 (a) IN GENERAL.—Section 1464 of the Safe Drink-
24 ing Water Act (42 U.S.C. 300j–24) is amended by striking
25 subsection (d) and inserting the following:

1 “(d) VOLUNTARY SCHOOL AND CHILD CARE LEAD
2 TESTING GRANT PROGRAM.—

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

4 “(A) CHILD CARE PROGRAM.—The term
5 ‘child care program’ has the meaning given the
6 term ‘early childhood education program’ in
7 section 103 of the Higher Education Act of
8 1965 (20 U.S.C. 1003).

9 “(B) LOCAL EDUCATIONAL AGENCY.—The
10 term ‘local educational agency’ means—

11 “(i) a local educational agency (as de-
12 fined in section 8101 of the Elementary
13 and Secondary Education Act of 1965 (20
14 U.S.C. 7801));

15 “(ii) a tribal education agency (as de-
16 fined in section 3 of the National Environ-
17 mental Education Act (20 U.S.C. 5502));
18 and

19 “(iii) an operator of a child care pro-
20 gram facility.

21 “(2) ESTABLISHMENT.—

22 “(A) IN GENERAL.—Not later than 180
23 days after the date of enactment of the Water
24 Resources Development Act of 2016, the Ad-
25 ministrator shall establish a voluntary school

1 and child care lead testing grant program to
2 make grants available to States to assist local
3 educational agencies in voluntary testing for
4 lead contamination in drinking water at schools
5 and child care programs under the jurisdiction
6 of the local educational agencies.

7 “(B) GRANTS TO LOCAL EDUCATIONAL
8 AGENCIES.—The Administrator may make
9 grants directly available to local educational
10 agencies for the voluntary testing described in
11 subparagraph (A) in—

12 “(i) any State that does not partici-
13 pate in the voluntary school and child care
14 lead testing grant program established
15 under that subparagraph; and

16 “(ii) any direct implementation area.

17 “(3) APPLICATION.—To be eligible to receive a
18 grant under this subsection, a State or local edu-
19 cational agency shall submit to the Administrator an
20 application at such time, in such manner, and con-
21 taining such information as the Administrator may
22 require.

23 “(4) USE OF FUNDS.—

24 “(A) IN GENERAL.—A State or local edu-
25 cational agency that receives a grant under this

1 subsection may use grant funds for the vol-
2 untary testing described in paragraph (2)(A).

3 “(B) LIMITATION.—Not more than 4 per-
4 cent of grant funds accepted under this sub-
5 section shall be used to pay the administrative
6 costs of carrying out this subsection.

7 “(5) GUIDANCE; PUBLIC AVAILABILITY.—As a
8 condition of receiving a grant under this subsection,
9 the State or local educational agency shall ensure
10 that each local educational agency to which grant
11 funds are distributed shall—

12 “(A) expend grant funds in accordance
13 with—

14 “(i) the guidance of the Environ-
15 mental Protection Agency entitled ‘3Ts for
16 Reducing Lead in Drinking Water in
17 Schools: Revised Technical Guidance’ and
18 dated October 2006 (or any successor
19 guidance); or

20 “(ii) applicable State regulations or
21 guidance regarding reducing lead in drink-
22 ing water in schools and child care pro-
23 grams that is not less stringent than the
24 guidance referred to in clause (i); and

1 “(B)(i) make available in the administra-
2 tive offices, and to the maximum extent prac-
3 ticable, on the Internet website, of the local
4 educational agency for inspection by the public
5 (including teachers, other school personnel, and
6 parents) a copy of the results of any voluntary
7 testing for lead contamination in school and
8 child care program drinking water that is car-
9 ried out with grant funds under this subsection;
10 and

11 “(ii) notify parent, teacher, and employee
12 organizations of the availability of the results
13 described in clause (i).

14 “(6) MAINTENANCE OF EFFORT.—If resources
15 are available to a State or local educational agency
16 from any other Federal agency, a State, or a private
17 foundation for testing for lead contamination in
18 drinking water, the State or local educational agency
19 shall demonstrate that the funds provided under this
20 subsection will not displace those resources.

21 “(7) AUTHORIZATION OF APPROPRIATIONS.—
22 There is authorized to be appropriated to carry out
23 this subsection \$20,000,000 for each of fiscal years
24 2017 through 2021.”.

1 (b) REPEAL.—Section 1465 of the Safe Drinking
2 Water Act (42 U.S.C. 300j–25) is repealed.

3 **SEC. 7112. WATERSENSE PROGRAM.**

4 (a) ESTABLISHMENT OF WATERSENSE PROGRAM.—

5 (1) IN GENERAL.—There is established within
6 the Environmental Protection Agency a voluntary
7 WaterSense program to identify and promote water-
8 efficient products, buildings, landscapes, facilities,
9 processes, and services that, through voluntary label-
10 ing of, or other forms of communications regarding,
11 products, buildings, landscapes, facilities, processes,
12 and services while meeting strict performance cri-
13 teria, sensibly—

14 (A) reduce water use;

15 (B) reduce the strain on public and com-
16 munity water systems and wastewater and
17 stormwater infrastructure;

18 (C) conserve energy used to pump, heat,
19 transport, and treat water; and

20 (D) preserve water resources for future
21 generations.

22 (2) INCLUSIONS.—The Administrator shall,
23 consistent with this section, identify water-efficient
24 products, buildings, landscapes, facilities, processes,
25 and services, including categories such as—

- 1 (A) irrigation technologies and services;
- 2 (B) point-of-use water treatment devices;
- 3 (C) plumbing products;
- 4 (D) reuse and recycling technologies;
- 5 (E) landscaping and gardening products,
- 6 including moisture control or water enhancing
- 7 technologies;
- 8 (F) xeriscaping and other landscape con-
- 9 versions that reduce water use;
- 10 (G) whole house humidifiers; and
- 11 (H) water-efficient buildings or facilities.

12 (b) DUTIES.—The Administrator, coordinating as ap-
13 propriate with the Secretary, shall—

14 (1) establish—

15 (A) a WaterSense label to be used for
16 items meeting the certification criteria estab-
17 lished in accordance with this section; and

18 (B) the procedure, including the methods
19 and means, and criteria by which an item may
20 be certified to display the WaterSense label;

21 (2) enhance public awareness regarding the
22 WaterSense label through outreach, education, and
23 other means;

24 (3) preserve the integrity of the WaterSense
25 label by—

1 (A) establishing and maintaining feasible
2 performance criteria so that products, build-
3 ings, landscapes, facilities, processes, and serv-
4 ices labeled with the WaterSense label perform
5 as well or better than less water-efficient coun-
6 terparts;

7 (B) overseeing WaterSense certifications
8 made by third parties;

9 (C) as determined appropriate by the Ad-
10 ministrator, using testing protocols, from the
11 appropriate, applicable, and relevant consensus
12 standards, for the purpose of determining
13 standards compliance; and

14 (D) auditing the use of the WaterSense
15 label in the marketplace and preventing cases of
16 misuse; and

17 (4) not more than 6 years after adoption or
18 major revision of any WaterSense specification, re-
19 view and, if appropriate, revise the specification to
20 achieve additional water savings;

21 (5) in revising a WaterSense specification—

22 (A) provide reasonable notice to interested
23 parties and the public of any changes, including
24 effective dates, and an explanation of the
25 changes;

1 (B) solicit comments from interested par-
2 ties and the public prior to any changes;

3 (C) as appropriate, respond to comments
4 submitted by interested parties and the public;
5 and

6 (D) provide an appropriate transition time
7 prior to the applicable effective date of any
8 changes, taking into account the timing nec-
9 essary for the manufacture, marketing, train-
10 ing, and distribution of the specific water-effi-
11 cient product, building, landscape, process, or
12 service category being addressed; and

13 (6) not later than December 31, 2018, consider
14 for review and revision any WaterSense specification
15 adopted before January 1, 2012.

16 (c) TRANSPARENCY.—The Administrator shall, to the
17 maximum extent practicable and not less than annually,
18 regularly estimate and make available to the public the
19 production and relative market shares and savings of
20 water, energy, and capital costs of water, wastewater, and
21 stormwater attributable to the use of WaterSense-labeled
22 products, buildings, landscapes, facilities, processes, and
23 services.

24 (d) DISTINCTION OF AUTHORITIES.—In setting or
25 maintaining specifications for Energy Star pursuant to

1 section 324A, and WaterSense under this section, the Sec-
2 retary and Administrator shall coordinate to prevent du-
3 plicative or conflicting requirements among the respective
4 programs.

5 (e) NO WARRANTY.—A WaterSense label shall not
6 create an express or implied warranty.

7 **SEC. 7113. WATER SUPPLY COST SAVINGS.**

8 (a) FINDINGS.—Congress finds that—

9 (1) the United States is facing a drinking water
10 infrastructure funding crisis;

11 (2) the Environmental Protection Agency
12 projects a shortfall of approximately
13 \$384,000,000,000 in funding for drinking water in-
14 frastructure from 2015 to 2035 and this funding
15 challenge is particularly acute in rural communities
16 in the United States;

17 (3) there are approximately 52,000 community
18 water systems in the United States, of which nearly
19 42,000 are small community water systems;

20 (4) the Drinking Water Needs Survey con-
21 ducted by the Environmental Protection Agency in
22 2011 placed the shortfall in drinking water infra-
23 structure funding for small communities, which con-
24 sist of 3,300 or fewer persons, at \$64,500,000,000;

1 (5) small communities often cannot finance the
2 construction and maintenance of drinking water sys-
3 tems because the cost per resident for the invest-
4 ment would be prohibitively expensive;

5 (6) drought conditions have placed significant
6 strains on existing surface water supplies;

7 (7) many communities across the United States
8 are considering the use of groundwater and commu-
9 nity well systems to provide drinking water; and

10 (8) approximately 42,000,000 people in the
11 United States receive drinking water from individual
12 wells and millions more rely on community well sys-
13 tems for drinking water.

14 (b) SENSE OF THE SENATE.—It is the sense of the
15 Senate that providing rural communities with the knowl-
16 edge and resources necessary to fully use alternative
17 drinking water systems, including wells and community
18 well systems, can provide safe and affordable drinking
19 water to millions of people in the United States.

20 (c) DRINKING WATER TECHNOLOGY CLEARING-
21 HOUSE.—The Administrator and the Secretary of Agri-
22 culture shall—

23 (1) update existing programs of the Environ-
24 mental Protection Agency and the Department of
25 Agriculture designed to provide drinking water tech-

1 nical assistance to include information on cost-effective,
2 tive, innovative, and alternative drinking water delivery
3 systems, including systems that are supported by
4 wells; and

5 (2) disseminate information on the cost effectiveness
6 tiveness of alternative drinking water delivery systems,
7 including wells and well systems, to communities and
8 not-for-profit organizations seeking Federal funding for
9 drinking water systems serving 500 or fewer persons.
10

11 (d) WATER SYSTEM ASSESSMENT.—Notwithstanding
12 any other provision of law, in any application for a grant
13 or loan from the Federal Government or a State that is
14 using Federal assistance for a drinking water system serving
15 500 or fewer persons, a unit of local government or
16 not-for-profit organization shall self-certify that the unit
17 of local government or organization has considered, as an
18 alternative drinking water supply, drinking water delivery
19 systems sourced by publicly owned—

20 (1) individual wells;

21 (2) shared wells; and

22 (3) community wells.

23 (e) REPORT TO CONGRESS.—Not later than 3 years
24 after the date of enactment of this Act, the Administrator

1 and the Secretary of Agriculture shall submit to Congress
2 a report that describes—

3 (1) the use of innovative and alternative drink-
4 ing water systems described in this section;

5 (2) the range of cost savings for communities
6 using innovative and alternative drinking water sys-
7 tems described in this section; and

8 (3) the use of drinking water technical assist-
9 ance programs operated by the Administrator and
10 the Secretary of Agriculture.

11 **Subtitle B—Clean Water**

12 **SEC. 7201. SEWER OVERFLOW CONTROL GRANTS.**

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

15 (1) in subsection (a), by striking the subsection
16 designation and heading and all that follows through
17 “subject to subsection (g), the Administrator may”
18 in paragraph (2) and inserting the following:

19 “(a) **AUTHORITY.**—The Administrator may—

20 “(1) make grants to States for the purpose of
21 providing grants to a municipality or municipal enti-
22 ty for planning, designing, and constructing—

23 “(A) treatment works to intercept, trans-
24 port, control, or treat municipal combined sewer
25 overflows and sanitary sewer overflows; and

1 “(B) measures to manage, reduce, treat, or
2 recapture stormwater or subsurface drainage
3 water; and

4 “(2) subject to subsection (g),”;

5 (2) in subsection (b)—

6 (A) in paragraph (1), by striking the semi-
7 colon at the end and inserting “; or”;

8 (B) by striking paragraphs (2) and (3);
9 and

10 (C) by redesignating paragraph (4) as
11 paragraph (2);

12 (3) by striking subsections (e) through (g) and
13 inserting the following:

14 “(e) ADMINISTRATIVE REQUIREMENTS.—

15 “(1) IN GENERAL.—Subject to paragraph (2), a
16 project that receives grant assistance under sub-
17 section (a) shall be carried out subject to the same
18 requirements as a project that receives assistance
19 from a State water pollution control revolving fund
20 established pursuant to title VI.

21 “(2) DETERMINATION OF GOVERNOR.—The re-
22 quirement described in paragraph (1) shall not apply
23 to a project that receives grant assistance under
24 subsection (a) to the extent that the Governor of the
25 State in which the project is located determines that

1 a requirement described in title VI is inconsistent
2 with the purposes of this section.

3 “(f) AUTHORIZATION OF APPROPRIATIONS.—There
4 are authorized to be appropriated to carry out this section,
5 to remain available until expended—

6 “(1) \$250,000,000 for fiscal year 2017;

7 “(2) \$300,000,000 for fiscal year 2018;

8 “(3) \$350,000,000 for fiscal year 2019;

9 “(4) \$400,000,000 for fiscal year 2020; and

10 “(5) \$500,000,000 for fiscal year 2021.

11 “(g) ALLOCATION OF FUNDS.—

12 “(1) FISCAL YEAR 2017 AND 2018.—For each of
13 fiscal years 2017 and 2018, subject to subsection
14 (h), the Administrator shall use the amounts made
15 available to carry out this section to provide grants
16 to municipalities and municipal entities under sub-
17 section (a)(2)—

18 “(A) in accordance with the priority cri-
19 teria described in subsection (b); and

20 “(B) with additional priority given to pro-
21 posed projects that involve the use of—

22 “(i) nonstructural, low-impact devel-
23 opment;

24 “(ii) water conservation, efficiency, or
25 reuse; or

1 “(iii) other decentralized stormwater
2 or wastewater approaches to minimize
3 flows into the sewer systems.

4 “(2) FISCAL YEAR 2019 AND THEREAFTER.—
5 For fiscal year 2019 and each fiscal year thereafter,
6 subject to subsection (h), the Administrator shall
7 use the amounts made available to carry out this
8 section to provide grants to States under subsection
9 (a)(1) in accordance with a formula that—

10 “(A) shall be established by the Adminis-
11 trator, after providing notice and an oppor-
12 tunity for public comment; and

13 “(B) allocates to each State a proportional
14 share of the amounts based on the total needs
15 of the State for municipal combined sewer over-
16 flow controls and sanitary sewer overflow con-
17 trols, as identified in the most recent survey—

18 “(i) conducted under section 210; and

19 “(ii) included in a report required
20 under section 516(b)(1)(B).”; and

21 (4) by striking subsection (i).

22 **SEC. 7202. SMALL TREATMENT WORKS.**

23 (a) **IN GENERAL.**—Title II of the Federal Water Pol-
24 lution Control Act (~~33~~ U.S.C. 1281 et seq.) is amended
25 by adding at the end the following:

1 **“SEC. 222. TECHNICAL ASSISTANCE FOR SMALL TREAT-**
2 **MENT WORKS.**

3 “(a) **DEFINITIONS.**—In this section:

4 “(1) **QUALIFIED NONPROFIT TECHNICAL AS-**
5 **SISTANCE PROVIDER.**—The term ‘qualified nonprofit
6 technical assistance provider’ means a nonprofit or-
7 ganization that, as determined by the Adminis-
8 trator—

9 “(A) is the most qualified and experienced
10 in providing training and technical assistance to
11 small treatment works; and

12 “(B) the small treatment works in the
13 State finds to be the most beneficial and effec-
14 tive.

15 “(2) **SMALL TREATMENT WORKS.**—The term
16 ‘small treatment works’ means a publicly owned
17 treatment works serving not more than 10,000 indi-
18 viduals.

19 “(b) **TECHNICAL ASSISTANCE.**—The Administrator
20 may use amounts made available to carry out this section
21 to provide grants or cooperative agreements to qualified
22 nonprofit technical assistance providers to provide to own-
23 ers and operators of small treatment works onsite tech-
24 nical assistance, circuit-rider technical assistance pro-
25 grams, multistate, regional technical assistance programs,
26 and onsite and regional training; to assist the treatment

1 works in achieving compliance with this Act or obtaining
2 financing under this Act for eligible projects.

3 “(e) AUTHORIZATION OF APPROPRIATIONS.—There
4 are authorized to be appropriated to carry out this section
5 \$15,000,000 for each of fiscal years 2017 through 2021.”.

6 (b) WATER POLLUTION CONTROL REVOLVING LOAN
7 FUNDS.—

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

11 (A) in subsection (d)—

12 (i) in the matter preceding paragraph
13 (1), by inserting “and as provided in sub-
14 section (e)” after “State law”;

15 (ii) by redesignating subsections (e)
16 through (i) as subsections (f) through (j);
17 respectively; and

18 (iii) by inserting after subsection (d)
19 the following:

20 “(e) ADDITIONAL USE OF FUNDS.—A State may use
21 an additional 2 percent of the funds annually allotted to
22 the State under this section for qualified nonprofit tech-
23 nical assistance providers (as defined in section 222) to
24 provide technical assistance to public water systems serv-
25 ing not more than 10,000 individuals in the State.”.

1 (2) CONFORMING AMENDMENT.—Section
2 221(d) of the Federal Water Pollution Control Act
3 (33 U.S.C. 1301(d)) is amended by striking “section
4 603(h)” and inserting “section 603(i)”.

5 **SEC. 7202. SMALL AND MEDIUM TREATMENT WORKS.**

6 (a) *IN GENERAL.*—Title II of the Federal Water Pollu-
7 tion Control Act (33 U.S.C. 1281 et seq.) is amended by
8 adding at the end the following:

9 **“SEC. 222. TECHNICAL ASSISTANCE FOR SMALL AND ME-
10 DIUM TREATMENT WORKS.**

11 “(a) *DEFINITIONS.*—In this section:

12 “(1) *MEDIUM TREATMENT WORKS.*—The term
13 ‘medium treatment works’ means a publicly owned
14 treatment works serving not fewer than 10,001 and
15 not more than 100,000 individuals.

16 “(2) *QUALIFIED NONPROFIT MEDIUM TREAT-
17 MENT WORKS TECHNICAL ASSISTANCE PROVIDER.*—

18 The term ‘qualified nonprofit medium treatment
19 works technical assistance provider’ means a qualified
20 nonprofit technical assistance provider of water and
21 wastewater services to medium-sized communities that
22 provides technical assistance (including circuit rider
23 technical assistance programs, multi-State, regional
24 assistance programs, and training and preliminary
25 engineering evaluations) to owners and operators of

1 *medium treatment works, which may include State*
 2 *agencies.*

3 “(3) *QUALIFIED NONPROFIT SMALL TREATMENT*
 4 *WORKS TECHNICAL ASSISTANCE PROVIDER.—The term*
 5 *‘qualified nonprofit small treatment works technical*
 6 *assistance provider’ means a nonprofit organization*
 7 *that, as determined by the Administrator—*

8 “(A) *is the most qualified and experienced*
 9 *in providing training and technical assistance to*
 10 *small treatment works; and*

11 “(B) *the small treatment works in the State*
 12 *finds to be the most beneficial and effective.*

13 “(4) *SMALL TREATMENT WORKS.—The term*
 14 *‘small treatment works’ means a publicly owned*
 15 *treatment works serving not more than 10,000 indi-*
 16 *viduals.*

17 “(b) *TECHNICAL ASSISTANCE.—The Administrator*
 18 *may use amounts made available to carry out this section*
 19 *to provide grants or cooperative agreements to qualified*
 20 *nonprofit small treatment works technical assistance pro-*
 21 *viders and grants or cooperative agreements to qualified*
 22 *nonprofit medium treatment works technical assistance*
 23 *providers to provide to owners and operators of small and*
 24 *medium treatment works onsite technical assistance, cir-*
 25 *cuit-rider technical assistance programs, multi-State, re-*

1 *gional technical assistance programs, and onsite and re-*
 2 *gional training, to assist the treatment works in achieving*
 3 *compliance with this Act or obtaining financing under this*
 4 *Act for eligible projects.*

5 “(c) *AUTHORIZATION OF APPROPRIATIONS.—There are*
 6 *authorized to be appropriated to carry out this section—*

7 “(1) *for grants for small treatment works tech-*
 8 *nical assistance, \$15,000,000 for each of fiscal years*
 9 *2017 through 2021; and*

10 “(2) *for grants for medium treatment works tech-*
 11 *nical assistance, \$10,000,000 for each of fiscal years*
 12 *2017 through 2021.”.*

13 “(b) *WATER POLLUTION CONTROL REVOLVING LOAN*
 14 *FUNDS.—*

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

18 “(A) *in subsection (d)—*

19 “(i) *in the matter preceding paragraph*
 20 *(1), by inserting “and as provided in sub-*
 21 *section (e)” after “State law”;*

22 “(ii) *by redesignating subsections (e)*
 23 *through (i) as subsections (f) through (j), re-*
 24 *spectively; and*

1 (iii) by inserting after subsection (d)
2 the following:

3 “(e) *ADDITIONAL USE OF FUNDS.*—A State may use
4 an additional 2 percent of the funds annually allotted to
5 the State under this section for qualified nonprofit small
6 treatment works technical assistance providers and quali-
7 fied nonprofit medium treatment works technical assistance
8 providers (as those terms are defined in section 222) to pro-
9 vide technical assistance to small treatment works and me-
10 dium treatment works in the State.”.

11 (2) *CONFORMING AMENDMENT.*—Section 221(d)
12 of the Federal Water Pollution Control Act (33 U.S.C.
13 1301(d)) is amended by striking “section 603(h)” and
14 inserting “section 603(i)”.

15 **SEC. 7203. INTEGRATED PLANS.**

16 (a) *INTEGRATED PLANS.*—Section 402 of the Fed-
17 eral Water Pollution Control Act (33 U.S.C. 1342) is
18 amended by adding at the end the following:

19 “(s) *INTEGRATED PLAN PERMITS.*—

20 “(1) *DEFINITIONS.*—In this subsection:

21 “(A) *GREEN INFRASTRUCTURE.*—The
22 term ‘green infrastructure’ means the range of
23 measures that use plant or soil systems, per-
24 meable pavement or other permeable surfaces
25 or substrates, stormwater harvest and reuse, or

1 landscaping to store, infiltrate, or
2 evapotranspire stormwater and reduce flows
3 to sewer systems or to surface waters.

4 “(B) INTEGRATED PLAN.—The term ‘inte-
5 grated plan’ has the meaning given in Part III
6 of the Integrated Municipal Stormwater and
7 Wastewater Planning Approach Framework,
8 issued by the Environmental Protection Agency
9 and dated May 2012.

10 “(C) MUNICIPAL DISCHARGE.—

11 “(i) IN GENERAL.—The term ‘munic-
12 ipal discharge’ means a discharge from a
13 treatment works (as defined in section
14 212) or a discharge from a municipal
15 storm sewer under subsection(p).

16 “(ii) INCLUSION.—The term ‘munic-
17 ipal discharge’ includes a discharge of
18 wastewater or storm water collected from
19 multiple municipalities if the discharge is
20 covered by the same permit issued under
21 this section.

22 “(2) INTEGRATED PLAN.—

23 “(A) IN GENERAL.—The Administrator (or
24 a State, in the case of a permit program ap-
25 proved under subsection (b)) shall inform a mu-

1 municipal permittee or multiple municipal permit-
2 tees of the opportunity to develop an integrated
3 plan.

4 “(B) SCOPE OF PERMIT INCORPORATING
5 INTEGRATED PLAN.—A permit issued under
6 this subsection that incorporates an integrated
7 plan may integrate all requirements under this
8 Act addressed in the integrated plan, including
9 requirements relating to—

10 “(i) a combined sewer overflow;

11 “(ii) a capacity, management, oper-
12 ation, and maintenance program for sani-
13 tary sewer collection systems;

14 “(iii) a municipal stormwater dis-
15 charge;

16 “(iv) a municipal wastewater dis-
17 charge; and

18 “(v) a water quality-based effluent
19 limitation to implement an applicable
20 wasteload allocation in a total maximum
21 daily load.

22 “(3) COMPLIANCE SCHEDULES.—

23 “(A) IN GENERAL.—A permit for a munic-
24 ipal discharge by a municipality that incor-
25 porates an integrated plan may include a sched-

1 ule of compliance, under which actions taken to
2 meet any applicable water quality-based effluent
3 limitation may be implemented over more than
4 1 permit term if the compliance schedules are
5 authorized by State water quality standards.

6 “(B) INCLUSION.—Actions subject to a
7 compliance schedule under subparagraph (A)
8 may include green infrastructure if imple-
9 mented as part of a water quality-based effluent
10 limitation.

11 “(C) REVIEW.—A schedule of compliance
12 may be reviewed each time the permit is re-
13 newed.

14 “(4) EXISTING AUTHORITIES RETAINED.—

15 “(A) APPLICABLE STANDARDS.—Nothing
16 in this subsection modifies any obligation to
17 comply with applicable technology and water
18 quality-based effluent limitations under this
19 Act.

20 “(B) FLEXIBILITY.—Nothing in this sub-
21 section reduces or eliminates any flexibility
22 available under this Act, including the authority
23 of a State to revise a water quality standard
24 after a use attainability analysis under section
25 131.10(g) of title 40, Code of Federal Regula-

1 tions (as in effect on the date of enactment of
2 this subsection), subject to the approval of the
3 Administrator under section 303(c).

4 “(5) CLARIFICATION OF STATE AUTHORITY.—

5 “(A) IN GENERAL.—Nothing in section
6 301(b)(1)(C) precludes a State from author-
7 izing in the water quality standards of the
8 State the issuance of a schedule of compliance
9 to meet water quality-based effluent limitations
10 in permits that incorporate provisions of an in-
11 tegrated plan.

12 “(B) TRANSITION RULE.—In any case in
13 which a discharge is subject to a judicial order
14 or consent decree as of the date of enactment
15 of the Water Resources Development Act of
16 2016 resolving an enforcement action under
17 this Act, any schedule of compliance issued pur-
18 suant to an authorization in a State water qual-
19 ity standard shall not revise or otherwise affect
20 a schedule of compliance in that order or decree
21 unless the order or decree is modified by agree-
22 ment of the parties and the court.”.

23 (b) MUNICIPAL OMBUDSMAN.—

1 (1) ESTABLISHMENT.—There is established
2 within the Office of the Administrator an Office of
3 the Municipal Ombudsman.

4 (2) GENERAL DUTIES.—The municipal ombuds-
5 man shall—

6 (A) provide technical assistance to munici-
7 palities seeking to comply with the requirements
8 of laws implemented by the Environmental Pro-
9 tection Agency; and

10 (B) provide information to the Adminis-
11 trator to help the Administrator ensure that
12 agency policies are implemented by all offices of
13 the Environmental Protection Agency, including
14 regional offices.

15 (3) ACTIONS REQUIRED.—The municipal om-
16 budsman shall work with appropriate offices at the
17 headquarters and regional offices of the Environ-
18 mental Protection Agency to ensure that the munici-
19 pality seeking assistance is provided information—

20 (A) about available Federal financial as-
21 sistance for which the municipality is eligible;

22 (B) about flexibility available under the
23 Federal Water Pollution Control Act (33 U.S.C.
24 1251 et seq.) and, if applicable, the Safe Drink-
25 ing Water Act (42 U.S.C. 300f et seq.); and

1 (C) regarding the opportunity to develop
2 an integrated plan, as defined in section
3 402(s)(1)(B) of the Federal Water Pollution
4 Control Act (as added by subsection (a)).

5 (4) PRIORITY.—In carrying out paragraph (3),
6 the municipal ombudsman shall give priority to any
7 municipality that demonstrates affordability con-
8 cerns relating to compliance with the Federal Water
9 Pollution Control Act (33 U.S.C. 1251 et seq.) or
10 the Safe Drinking Water Act (42 U.S.C. 300f et
11 seq.).

12 (c) MUNICIPAL ENFORCEMENT.—Section 309 of the
13 Federal Water Pollution Control Act (33 U.S.C. 1319) is
14 amended by adding at the end the following:

15 “(h) IMPLEMENTATION OF INTEGRATED PLANS
16 THROUGH ENFORCEMENT TOOLS.—

17 “(1) IN GENERAL.—In conjunction with an en-
18 forcement action under subsection (a) or (b) relating
19 to municipal discharges, the Administrator shall in-
20 form a municipality of the opportunity to develop an
21 integrated plan, as defined in section 402(s).

22 “(2) MODIFICATION.—Any municipality under
23 an administrative order under subsection (a) or set-
24 tlement agreement under subsection (b) that has de-
25 veloped an integrated plan consistent with section

1 402(s) may request a modification of the adminis-
2 trative order or settlement agreement based on that
3 integrated plan.”.

4 **SEC. 7204. GREEN INFRASTRUCTURE PROMOTION.**

5 Title V of the Federal Water Pollution Control Act
6 (33 U.S.C. 1361 et seq.) is amended—

7 (1) by redesignating section 519 (33 U.S.C.
8 1251 note) as section 520; and

9 (2) by inserting after section 518 (33 U.S.C.
10 1377) the following:

11 **“SEC. 519. ENVIRONMENTAL PROTECTION AGENCY GREEN**
12 **INFRASTRUCTURE PROMOTION.**

13 “(a) IN GENERAL.—The Administrator shall ensure
14 that the Office of Water, the Office of Enforcement and
15 Compliance Assurance, the Office of Research and Devel-
16 opment, and the Office of Policy of the Environmental
17 Protection Agency promote the use of green infrastructure
18 in and coordinate the integration of green infrastructure
19 into, permitting programs, planning efforts, research,
20 technical assistance, and funding guidance.

21 “(b) DUTIES.—The Administrator shall ensure that
22 the Office of Water—

23 “(1) promotes the use of green infrastructure in
24 the programs of the Environmental Protection Agen-
25 cy; and

1 “(2) coordinates efforts to increase the use of
2 green infrastructure with—

3 “(A) other Federal departments and agen-
4 cies;

5 “(B) State, tribal, and local governments;
6 and

7 “(C) the private sector.

8 “(c) REGIONAL GREEN INFRASTRUCTURE PRO-
9 MOTION.—The Administrator shall direct each regional of-
10 fice of the Environmental Protection Agency, as appro-
11 priate based on local factors, and consistent with the re-
12 quirements of this Act, to promote and integrate the use
13 of green infrastructure within the region that includes—

14 “(1) outreach and training regarding green in-
15 frastructure implementation for State, tribal, and
16 local governments, tribal communities, and the pri-
17 vate sector; and

18 “(2) the incorporation of green infrastructure
19 into permitting and other regulatory programs,
20 codes, and ordinance development, including the re-
21 quirements under consent decrees and settlement
22 agreements in enforcement actions.

23 “(d) GREEN INFRASTRUCTURE INFORMATION-SHAR-
24 ING.—The Administrator shall promote green infrastruc-
25 ture information-sharing, including through an Internet

1 website, to share information with, and provide technical
2 assistance to, State, tribal, and local governments, tribal
3 communities, the private sector, and the public regarding
4 green infrastructure approaches for—

5 “(1) reducing water pollution;

6 “(2) protecting water resources;

7 “(3) complying with regulatory requirements;

8 and

9 “(4) achieving other environmental, public
10 health, and community goals.”.

11 **SEC. 7205. FINANCIAL CAPABILITY GUIDANCE.**

12 (a) DEFINITIONS.—In this section:

13 (1) AFFORDABILITY.—The term “affordability”
14 means, with respect to payment of a utility bill, a
15 measure of whether an individual customer or house-
16 hold can pay the bill without undue hardship or un-
17 reasonable sacrifice in the essential lifestyle or
18 spending patterns of the individual or household, as
19 determined by the Administrator.

20 (2) FINANCIAL CAPABILITY.—The term “finan-
21 cial capability” means the financial capability of a
22 community to make investments necessary to make
23 water quality or drinking water improvements.

24 (3) GUIDANCE.—The term “guidance” means
25 the guidance published by the Administrator entitled

1 “Combined Sewer Overflows—Guidance for Finan-
2 cial Capability Assessment and Schedule Develop-
3 ment” and dated February 1997, as applicable to
4 the combined sewer overflows and sanitary sewer
5 overflows guidance published by the Administrator
6 entitled “Financial Capability Assessment Frame-
7 work” and dated November 24, 2014.

8 (b) USE OF MEDIAN HOUSEHOLD INCOME.—The
9 Administrator shall not use median household income as
10 the sole indicator of affordability for a residential house-
11 hold.

12 (c) UPDATING.—Not later than 1 year after the date
13 of completion of the National Academy of Public Adminis-
14 tration study to establish a definition and framework for
15 community affordability required by Senate Report 114–
16 70, accompanying S. 1645 (114th Congress), the Adminis-
17 trator shall revise the guidance.

18 (d) CONSIDERATION AND CONSULTATION.—

19 (1) CONSIDERATION.—In revising the guidance,
20 the Administrator shall consider—

21 (A) the recommendations of the study re-
22 ferred to in subsection (c) and any other rel-
23 evant study, as determined by the Adminis-
24 trator;

1 (B) local economic conditions, including
2 site-specific local conditions that should be
3 taken into consideration in analyzing financial
4 capability;

5 (C) other essential community investments;

6 (D) potential adverse impacts on distressed
7 populations, including the percentage of low-in-
8 come ratepayers within the service area of a
9 utility and impacts in communities with dis-
10 parate economic conditions throughout the en-
11 tire service area of a utility;

12 (E) the degree to which rates of low-in-
13 come consumers would be affected by water in-
14 frastructure investments and the use of rate
15 structures to address the rates of low-income
16 consumers;

17 (F) an evaluation of an array of factors,
18 the relative importance of which may vary
19 across regions and localities; and

20 (G) the appropriate weight for economic,
21 public health, and environmental benefits asso-
22 ciated with improved water quality.

23 (2) CONSULTATION.—Any guidance issued to
24 replace the guidance shall be developed in consulta-
25 tion with interested parties.

1 (e) PUBLICATION AND SUBMISSION.—On completion
2 of the updating of guidance, the Administrator shall pub-
3 lish in the Federal Register and submit to the Committee
4 on Environment and Public Works of the Senate and the
5 Committee on Transportation and Infrastructure of the
6 House of Representatives the updated guidance.

7 **Subtitle C—Innovative Financing**
8 **and Promotion of Innovative**
9 **Technologies**

10 **SEC. 7301. WATER INFRASTRUCTURE PUBLIC-PRIVATE**
11 **PARTNERSHIP PILOT PROGRAM.**

12 Section 5014(c) of the Water Resources Reform and
13 Development Act of 2014 (33 U.S.C. 2201 note; Public
14 Law 113–121) is amended by striking “Any activity un-
15 dertaken under this section is authorized only to the ex-
16 tent” and inserting “Nothing in this section obligates the
17 Secretary to expend funds unless”.

18 **SEC. 7302. WATER INFRASTRUCTURE FINANCE AND INNO-**
19 **VATION.**

20 (a) AUTHORITY TO PROVIDE ASSISTANCE.—Section
21 5023(b)(2) of the Water Infrastructure Finance and Inno-
22 vation Act of 2014 (33 U.S.C. 3902(b)(2)) is amended
23 by striking “carry out” and inserting “provide financial
24 assistance to carry out”.

1 (b) PROJECTS ELIGIBLE FOR ASSISTANCE.—Section
2 5026(6) of the Water Infrastructure Finance and Innova-
3 tion Act of 2014 (33 U.S.C. 3905(6)) is amended—

4 (1) by striking “desalination project” and in-
5 serting “desalination project, including chloride con-
6 trol”; and

7 (2) by striking “or a water recycling project”
8 and inserting “a water recycling project, or a project
9 to provide alternative water supplies to reduce aqui-
10 fer depletion”.

11 (c) TERMS AND CONDITIONS.—Section 5029(b) of
12 the Water Infrastructure Finance and Innovation Act of
13 2014 (33 U.S.C. 3908(b)) is amended—

14 (1) in paragraph (7)—

15 (A) by striking “The Secretary” and in-
16 serting the following:

17 “(A) IN GENERAL.—Except as provided in
18 subparagraph (B), the Secretary”; and

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

20 “(B) FINANCING FEES.—On request of a
21 community with a population of not more than
22 10,000 individuals, the Secretary or the Admin-
23 istrator, as applicable, shall allow the fees
24 under subparagraph (A) to be financed as part
25 of the loan.”; and

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

2 “(10) CREDIT.—Any eligible project costs in-
3 curred and the value of any integral in-kind con-
4 tributions made before receipt of assistance under
5 this subtitle shall be credited toward the 51 percent
6 of project costs to be provided by sources of funding
7 other than a secured loan under this subtitle (as de-
8 scribed in paragraph (2)(A).”.

9 (d) REMOVAL OF PILOT DESIGNATION.—

10 (1) Subtitle C of title V of the Water Resources
11 Reform and Development Act of 2014 (33 U.S.C.
12 3901 et seq.) is amended by striking the subtitle
13 designation and heading and inserting the following:

14 **“Subtitle C—Innovative Financing**
15 **Projects”.**

16 (2) Section 5023 of the Water Infrastructure
17 Finance and Innovation Act of 2014 (33 U.S.C.
18 3092) is amended by striking “pilot” each place it
19 appears.

20 (3) Section 5034 of the Water Infrastructure
21 Finance and Innovation Act of 2014 (33 U.S.C.
22 3913) is amended by striking the section designation
23 and heading and inserting the following:

1 **“SEC. 5034. REPORTS ON PROGRAM IMPLEMENTATION.”.**

2 (4) The table of contents for the Water Re-
3 sources Reform and Development Act of 2014 (Pub-
4 lic Law 113–121) is amended—

5 (A) by striking the item relating to subtitle
6 C of title V and inserting the following:

“Subtitle C—Innovative Financing Projects”.; and

7 (B) by striking the item relating to section
8 5034 and inserting the following:

“Sec. 5034. Reports on program implementation.”.

9 (e) SENSE OF THE SENATE.—It is the sense of the
10 Senate that—

11 (1) appropriations made available to carry out
12 the Water Infrastructure Finance and Innovation
13 Act of 2014 (33 U.S.C. 3901 et seq.) should be in
14 addition to robust funding for the State water pollu-
15 tion control revolving funds established under title
16 VI of the Federal Water Pollution Control Act (33
17 U.S.C. 1381 et seq.) and State drinking water treat-
18 ment revolving loan funds established under section
19 1452 of the Safe Drinking Water Act (42 U.S.C.
20 300j–12); and

21 (2) the appropriations made available for the
22 funds referred to in paragraph (1) should not de-
23 crease for any fiscal year.

1 **SEC. 7303. WATER INFRASTRUCTURE INVESTMENT TRUST**
2 **FUND.**

3 (a) CREATION OF TRUST FUND.—There is estab-
4 lished in the Treasury of the United States a trust fund
5 to be known as the “Water Infrastructure Investment
6 Trust Fund”, consisting of such amounts as may be ap-
7 propriated or credited to such fund as provided in this
8 section.

9 (b) TRANSFERS TO TRUST FUND.—There are hereby
10 appropriated to the Water Infrastructure Investment
11 Trust Fund amounts equivalent to the fees received in the
12 Treasury before January 1, 2022, under subsection (f).

13 (c) EXPENDITURES.—Except as provided by sub-
14 section (d), amounts in the Water Infrastructure Invest-
15 ment Trust Fund shall be available, without further ap-
16 propriation, as follows:

17 (1) ~~85~~ 50 percent of the amounts shall be avail-
18 able to the Administrator for making capitalization
19 grants under section 601 of the Federal Water Pol-
20 lution Control Act (33 U.S.C. 1381).

21 (2) ~~15~~ 50 percent of the amounts shall be avail-
22 able to the Administrator for making capitalization
23 grants under section 1452 of the Safe Drinking
24 Water Act (42 U.S.C. 300j–12).

25 (d) INVESTMENT.—Amounts in the Water Infra-
26 structure Investment Trust Fund shall be invested in ac-

1 cordance with section 9702 of title 31, United States
2 Code, and any interest on, and proceeds from, any such
3 investment shall be available for expenditure in accordance
4 with this Act and the amendments made by this Act.

5 (e) LIMITATION ON EXPENDITURES.—Amounts in
6 the Water Infrastructure Investment Trust Fund may not
7 be made available for a fiscal year unless the funds appro-
8 priated to the Clean Water State Revolving Fund through
9 annual capitalization grants is not less than the average
10 of the annual amounts provided in capitalization grants
11 under section 601 of the Federal Water Pollution Control
12 Act (33 U.S.C. 1381) for the 5-fiscal-year period imme-
13 diately preceding such fiscal year.

14 (f) VOLUNTARY LABELING SYSTEM.—

15 (1) IN GENERAL.—The Secretary of the Treas-
16 ury, in consultation with the Administrator of the
17 Food and Drug Administration, manufacturers, pro-
18 ducers, and importers, shall develop and implement
19 a program under which the Secretary provides a
20 label designed in consultation with manufacturers,
21 producers, and importers suitable for placement on
22 products to inform consumers that the manufac-
23 turer, producer, or importer of the product, and
24 other stakeholders, participates in the Water Infra-

1 structure Investment Trust Fund and is contrib-
2 uting to the clean water of the United States.

3 (2) FEE.—

4 (A) IN GENERAL.—The Secretary shall
5 provide a label for a fee of 3 cents per unit.

6 (B) DEPOSIT.—Amounts received by the
7 Secretary under subparagraph (A) shall be de-
8 posited in the general fund of the Treasury.

9 (g) EPA STUDY ON WATER PRICING.—

10 (1) STUDY.—The Administrator, with participa-
11 tion by the States, shall conduct a study to—

12 (A) assess the affordability gap faced by
13 low-income populations located in urban and
14 rural areas in obtaining services from clean
15 water and drinking water systems; and

16 (B) analyze options for programs to pro-
17 vide incentives for rate adjustments at the local
18 level to achieve “full cost” or “true value” pric-
19 ing for such services, while protecting low-in-
20 come ratepayers from undue burden.

21 (2) REPORT.—Not later than 180 days after
22 the date of enactment of this Act, the Administrator
23 shall transmit to the Committee on the Environment
24 and Public Works of the Senate and the Committee
25 on Transportation and Infrastructure and the Com-

1 mittee on Energy and Commerce of the House of
2 Representatives a report on the results of the study.

3 **SEC. 7304. INNOVATIVE WATER TECHNOLOGY GRANT PRO-**
4 **GRAM.**

5 (a) DEFINITION OF ELIGIBLE ENTITY.—In this sec-
6 tion, the term “eligible entity” means—

7 (1) a public utility, including publicly owned
8 treatment works and clean water systems;

9 (2) a unit of local government, including a mu-
10 nicipality or a joint powers authority;

11 (3) a private entity, including a farmer or man-
12 ufacturer;

13 (4) an institution of higher education;

14 (5) a research institution or foundation;

15 (6) a State;

16 (7) a regional organization; or

17 (8) a nonprofit organization.

18 (b) GRANT PROGRAM AUTHORIZED.—The Adminis-
19 trator shall carry out a grant program for purposes de-
20 scribed in subsection (c) to accelerate the development of
21 innovative water technologies that address pressing water
22 challenges.

23 (c) GRANTS.—In carrying out the program under
24 subsection (b), the Administrator shall make to eligible en-
25 tities grants that—

1 (1) finance projects to develop, deploy, test, and
2 improve emerging water technologies;

3 (2) fund entities that provide technical assist-
4 ance to deploy innovative water technologies more
5 broadly, especially—

6 (A) to increase adoption of innovative
7 water technologies in—

8 (i) municipal drinking water and
9 wastewater treatment systems;

10 (ii) areas served by private wells; or

11 (iii) water supply systems in arid
12 areas that are experiencing, or have re-
13 cently experienced, prolonged drought con-
14 ditions; and

15 (B) in a manner that reduces ratepayer or
16 community costs over time, including the cost
17 of future capital investments; or

18 (3) support technologies that, as determined by
19 the Administrator—

20 (A) improve water quality of a water
21 source;

22 (B) improve the safety and security of a
23 drinking water delivery system;

24 (C) minimize contamination of drinking
25 water and drinking water sources, including

1 contamination by lead, bacteria, chlorides, and
2 nitrates;

3 (D) improve the quality and timeliness and
4 decrease the cost of drinking water quality
5 tests, especially technologies that can be de-
6 ployed within water systems and at individual
7 faucets to provide accurate real-time tests of
8 water quality, especially with respect to lead,
9 bacteria, and nitrate content;

10 (E) increase water supplies in arid areas
11 that are experiencing, or have recently experi-
12 enced, prolonged drought conditions;

13 (F) treat edge-of-field runoff to improve
14 water quality;

15 (G) treat agricultural, municipal, and in-
16 dustrial wastewater;

17 (H) recycle or reuse water;

18 (I) manage urban storm water runoff;

19 (J) reduce sewer or stormwater overflows;

20 (K) conserve water;

21 (L) improve water quality by reducing sa-
22 linity;

23 (M) mitigate air quality impacts associated
24 with declining water resources; or

1 (N) address urgent water quality and
2 human health needs.

3 (d) PRIORITY FUNDING.—In making grants under
4 this section, the Administrator shall give priority to
5 projects that have the potential—

6 (1) to provide substantial cost savings across a
7 sector;

8 (2) to significantly improve human health or
9 the environment; or

10 (3) to provide additional water supplies with
11 minimal environmental impact.

12 (e) COST-SHARING.—The Federal share of the cost
13 of activities carried out using a grant made under this sec-
14 tion shall be not more than 65 percent.

15 (f) LIMITATION.—The maximum amount of a grant
16 provided to a project under this section shall be
17 \$5,000,000.

18 (g) REPORT.—Each year, the Administrator shall
19 submit to Congress and make publicly available on the
20 website of the Administrator a report that describes any
21 advancements during the previous year in development of
22 innovative water technologies made as a result of funding
23 provided under this section.

1 (h) AUTHORIZATION OF APPROPRIATIONS.—There is
2 authorized to be appropriated to carry out this section
3 \$50,000,000 for each fiscal year.

4 (i) FUNDING.—Out of any funds in the Treasury not
5 otherwise appropriated, the Secretary of the Treasury
6 shall transfer to the Administrator to provide grants to
7 eligible entities under this section \$10,000,000, to remain
8 available until expended.

9 **SEC. 7305. WATER RESOURCES RESEARCH ACT AMEND-**
10 **MENTS.**

11 (a) CONGRESSIONAL FINDINGS AND DECLARA-
12 TIONS.—Section 102 of the Water Resources Research
13 Act of 1984 (42 U.S.C. 10301) is amended—

14 (1) by redesignating paragraphs (7) through
15 (9) as paragraphs (8) through (10), respectively;

16 (2) in paragraph (8) (as so redesignated), by
17 striking “and” at the end; and

18 (3) by inserting after paragraph (6) the fol-
19 lowing:

20 “(7) additional research is required to increase
21 the effectiveness and efficiency of new and existing
22 treatment works through alternative approaches, in-
23 cluding—

24 “(A) nonstructural alternatives;

25 “(B) decentralized approaches;

1 “(C) water use efficiency and conservation;
2 and

3 “(D) actions to reduce energy consumption
4 or extract energy from wastewater;”.

5 (b) WATER RESOURCES RESEARCH AND TECH-
6 NOLOGY INSTITUTES.—Section 104 of the Water Re-
7 sources Research Act of 1984 (42 U.S.C. 10303) is
8 amended—

9 (1) in subsection (b)(1)—

10 (A) in subparagraph (B)(ii), by striking
11 “water-related phenomena” and inserting
12 “water resources”; and

13 (B) in subparagraph (D), by striking the
14 period at the end and inserting “; and”;

15 (2) in subsection (c)—

16 (A) by striking “From the” and inserting
17 the following:

18 “(1) IN GENERAL.—From the”; and

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

20 “(2) REPORT.—Not later than December 31 of
21 each fiscal year, the Secretary shall submit to the
22 Committee on Environment and Public Works of the
23 Senate, the Committee on the Budget of the Senate,
24 the Committee on Transportation and Infrastructure
25 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 ceding fiscal year.”;

5 (3) by striking subsection (e) and inserting the
6 following:

7 “(e) EVALUATION OF WATER RESOURCES RESEARCH
8 PROGRAM.—

9 “(1) IN GENERAL.—The Secretary shall con-
10 duct a careful and detailed evaluation of each insti-
11 tute at least once every 3 years to determine—

12 “(A) the quality and relevance of the water
13 resources research of the institute;

14 “(B) the effectiveness of the institute at
15 producing measured results and applied water
16 supply research; and

17 “(C) whether the effectiveness of the insti-
18 tute as an institution for planning, conducting,
19 and arranging for research warrants continued
20 support under this section.

21 “(2) PROHIBITION ON FURTHER SUPPORT.—If,
22 as a result of an evaluation under paragraph (1), the
23 Secretary determines that an institute does not qual-
24 ify for further support under this section, no further
25 grants to the institute may be provided until the

1 qualifications of the institute are reestablished to the
2 satisfaction of the Secretary.”;

3 (4) in subsection (f)(1), by striking
4 “\$12,000,000 for each of fiscal years 2007 through
5 2011” and inserting “\$7,500,000 for each of fiscal
6 years 2017 through 2021”; and

7 (5) in subsection (g)(1), in the first sentence,
8 by striking “\$6,000,000 for each of fiscal years
9 2007 through 2011” and inserting “\$1,500,000 for
10 each of fiscal years 2017 through 2021”.

11 **SEC. 7306. REAUTHORIZATION OF WATER DESALINATION**

12 **ACT OF 1996.**

13 (a) AUTHORIZATION OF RESEARCH AND STUDIES.—
14 Section 3 of the Water Desalination Act of 1996 (42
15 U.S.C. 10301 note; Public Law 104–298) is amended by
16 adding at the end the following:

17 “(e) PRIORITIZATION.—In carrying out this section,
18 the Secretary shall prioritize funding for research—

19 “(1) to reduce energy consumption and lower
20 the cost of desalination, including chloride control;

21 “(2) to reduce the environmental impacts of
22 seawater desalination and develop technology and
23 strategies to minimize those impacts;

24 “(3) to improve existing reverse osmosis and
25 membrane technology;

1 “(4) to carry out basic and applied research on
2 next generation desalination technologies, including
3 improved energy recovery systems and renewable en-
4 ergy-powered desalination systems that could signifi-
5 cantly reduce desalination costs;

6 “(5) to develop portable or modular desalina-
7 tion units capable of providing temporary emergency
8 water supplies for domestic or military deployment
9 purposes; and

10 “(6) to develop and promote innovative desali-
11 nation technologies, including chloride control, iden-
12 tified by the Secretary.”.

13 (b) DESALINATION DEMONSTRATION AND DEVELOP-
14 MENT.—Section 4 of the Water Desalination Act of 1996
15 (42 U.S.C. 10301 note; Public Law 104–298) is amended
16 by adding at the end the following:

17 “(c) PRIORITIZATION.—In carrying out demonstra-
18 tion and development activities under this section, the Sec-
19 retary shall prioritize projects—

20 “(1) in drought-stricken States and commu-
21 nities;

22 “(2) in States that have authorized funding for
23 research and development of desalination tech-
24 nologies and projects;

1 “(3) that can reduce reliance on imported water
2 supplies that have an impact on species listed under
3 the Endangered Species Act of 1973 (16 U.S.C.
4 1531 et seq.); and

5 “(4) that demonstrably leverage the experience
6 of international partners with considerable expertise
7 in desalination, such as the State of Israel.”.

8 (c) AUTHORIZATION OF APPROPRIATIONS.—Section
9 8 of the Water Desalination Act of 1996 (42 U.S.C. 10301
10 note; Public Law 104–298) is amended—

11 (1) in the first sentence of subsection (a)—

12 (A) by striking “\$5,000,000” and inserting
13 “\$8,000,000”; and

14 (B) by striking “2013” and inserting
15 “2021”; and

16 (2) in subsection (b), by striking “for each of
17 fiscal years 2012 through 2013” and inserting “for
18 each of fiscal years 2017 through 2021”.

19 (d) CONSULTATION.—Section 9 of the Water Desali-
20 nation Act of 1996 (42 U.S.C. 10301 note; Public Law
21 104–298) is amended—

22 (1) by striking the section designation and
23 heading and all that follows through “In carrying
24 out” in the first sentence and inserting the fol-
25 lowing:

1 **“SEC. 9. CONSULTATION AND COORDINATION.**

2 “(a) CONSULTATION.—In carrying out”;

3 (2) in the second sentence, by striking “The au-
4 thorization” and inserting the following:

5 “(c) OTHER DESALINATION PROGRAMS.—The au-
6 thorization”; and

7 (3) by inserting after subsection (a) (as des-
8 igned by paragraph (1)) the following:

9 “(b) COORDINATION OF FEDERAL DESALINATION
10 RESEARCH AND DEVELOPMENT.—

11 “(1) IN GENERAL.—The White House Office of
12 Science and Technology Policy shall develop a co-
13 ordinated strategic plan that—

14 “(A) establishes priorities for future Fed-
15 eral investments in desalination;

16 “(B) coordinates the activities of Federal
17 agencies involved in desalination, including the
18 Bureau of Reclamation, the Corps of Engineers,
19 the United States Army Tank Automotive Re-
20 search, Development and Engineering Center,
21 the National Science Foundation, the Office of
22 Naval Research of the Department of Defense,
23 the National Laboratories of the Department of
24 Energy, the United States Geological Survey,
25 the Environmental Protection Agency, and the

1 National Oceanic and Atmospheric Administra-
2 tion; and

3 “(C) strengthens research and development
4 cooperation with international partners, such as
5 the State of Israel, in the area of desalination
6 technology.”.

7 **SEC. 7307. NATIONAL DROUGHT RESILIENCE GUIDELINES.**

8 (a) IN GENERAL.—The Administrator, in conjunction
9 with the Secretary of the Interior, the Secretary of Agri-
10 culture, the Director of the National Oceanic and Atmos-
11 pheric Administration, and other appropriate Federal
12 agency heads along with State and local governments,
13 shall develop nonregulatory national drought resilience
14 guidelines relating to drought preparedness planning and
15 investments for communities, water utilities, and other
16 water users and providers.

17 (b) CONSULTATION.—In developing the national
18 drought resilience guidelines, the Administrator and other
19 Federal agency heads referred to in subsection (a) shall
20 consult with—

- 21 (1) State and local governments;
- 22 (2) water utilities;
- 23 (3) scientists;
- 24 (4) institutions of higher education;
- 25 (5) relevant private entities; and

1 (6) other stakeholders.

2 (c) CONTENTS.—The national drought resilience
3 guidelines developed under this section shall, to the max-
4 imum extent practicable, provide recommendations for a
5 period of 10 years that—

6 (1) address a broad range of potential actions,
7 including—

8 (A) analysis of the impacts of the changing
9 frequency and duration of drought on the fu-
10 ture effectiveness of water management tools;

11 (B) the identification of drought-related
12 water management challenges in a broad range
13 of fields, including—

14 (i) public health and safety;

15 (ii) municipal and industrial water
16 supply;

17 (iii) agricultural water supply;

18 (iv) water quality;

19 (v) ecosystem health; and

20 (vi) water supply planning;

21 (C) water management tools to reduce
22 drought-related impacts, including—

23 (i) water use efficiency through gal-
24 lons per capita reduction goals, appliance

- 1 efficiency standards, water pricing incen-
2 tives, and other measures;
- 3 (ii) water recycling;
- 4 (iii) groundwater clean-up and stor-
5 age;
- 6 (iv) new technologies, such as behav-
7 ioral water efficiency; and
- 8 (v) stormwater capture and reuse;
- 9 (D) water-related energy and greenhouse
10 gas reduction strategies; and
- 11 (E) public education and engagement; and
- 12 (2) include recommendations relating to the
13 processes that Federal, State, and local governments
14 and water utilities should consider when developing
15 drought resilience preparedness and plans, includ-
16 ing—
- 17 (A) the establishment of planning goals;
- 18 (B) the evaluation of institutional capacity;
- 19 (C) the assessment of drought-related risks
20 and vulnerabilities, including the integration of
21 climate-related impacts;
- 22 (D) the establishment of a development
23 process, including an evaluation of the cost-ef-
24 fectiveness of potential strategies;

1 (E) the inclusion of private entities, tech-
 2 nical advisors, and other stakeholders in the de-
 3 velopment process;

4 (F) implementation and financing issues;
 5 and

6 (G) evaluation of the plan, including any
 7 updates to the plan.

8 **SEC. 7308. INNOVATION IN CLEAN WATER STATE REVOLV-**
 9 **ING FUNDS.**

10 (a) IN GENERAL.—Subsection (j)(1)(B) (as redesis-
 11 nated by section 7202(b)(1)(A)(ii)) of section 603 of the
 12 Federal Water Pollution Control Act (33 U.S.C. 1383) is
 13 amended—

14 (1) in clause (iii), by striking “or” at the end;

15 (2) in clause (iv), by striking the period at the
 16 end and inserting “; or”; and

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

18 “(v) to encourage the use of innova-
 19 tive water technologies related to any of
 20 the issues identified in clauses (i) through
 21 (iv) or, as determined by the State, any
 22 other eligible project and activity eligible
 23 for assistance under subsection (c)”.

24 (b) INNOVATIVE WATER TECHNOLOGIES.—Section
 25 603 of the Federal Water Pollution Control Act (33

1 U.S.C. 1383) (as amended by section 7202(b)(1)) is
 2 amended by adding at the end the following:

3 “(k) TECHNICAL ASSISTANCE.—The Administrator
 4 may provide technical assistance to facilitate and encour-
 5 age the provision of financial assistance for innovative
 6 water technologies.

7 “(l) REPORT.—Not later than 1 year after the date
 8 of enactment of the Water Resources Development Act of
 9 2016, and not less frequently than every 5 years there-
 10 after, the Administrator shall submit to Congress a report
 11 that describes—

12 “(1) the amount of financial assistance pro-
 13 vided by State water pollution control revolving
 14 funds to deploy innovative water technologies;

15 “(2) the barriers impacting greater use of inno-
 16 vative water technologies; and

17 “(3) the cost-saving potential to cities and fu-
 18 ture infrastructure investments from emerging tech-
 19 nologies.”.

20 **SEC. 7309. INNOVATION IN THE DRINKING WATER STATE**
 21 **REVOLVING FUND.**

22 Section 1452 of the Safe Drinking Water Act (42
 23 U.S.C. 300j–12) (as amended by section 7105) is amend-
 24 ed—

25 (1) in subsection (d)—

1 (A) by striking the heading and inserting
2 “ADDITIONAL ASSISTANCE.—”;

3 (B) in paragraph (1)—

4 (i) by striking “Notwithstanding” and
5 inserting the following:

6 “(A) IN GENERAL.—Notwithstanding”;

7 and

8 (ii) by adding at the end the fol-
9 lowing:

10 “(B) INNOVATIVE WATER TECHNOLOGY.—

11 Notwithstanding any other provision of this sec-
12 tion, in the case of a State that makes a loan
13 under subsection (a)(2) to carry out an eligible
14 activity through the use of an innovative water
15 technology (including technologies to improve
16 water treatment to ensure compliance with this
17 title and technologies to identify and mitigate
18 sources of drinking water contamination, in-
19 cluding lead contamination), the State may pro-
20 vide additional subsidization, including forgive-
21 ness of principal that is not more than 50 per-
22 cent of the cost of the portion of the project as-
23 sociated with the innovative technology.”;

24 (C) in paragraph (2)—

1 (i) by striking “For each fiscal year”
2 and inserting the following:

3 “(A) IN GENERAL.—For each fiscal year”;

4 and

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

7 “(B) INNOVATIVE WATER TECHNOLOGY.—

8 For each fiscal year, not more than 20 percent
9 of the loan subsidies that may be made by a
10 State under paragraph (1) may be used to pro-
11 vide additional subsidization under subpara-
12 graph (B) of that paragraph.”; and

13 (D) in paragraph (3), in the first sentence,
14 by inserting “, or portion of a service area,”
15 after “service area”; and

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

17 “(t) TECHNICAL ASSISTANCE.—The Administrator
18 may provide technical assistance to facilitate and encour-
19 age the provision of financial assistance for the deploy-
20 ment of innovative water technologies.

21 “(u) REPORT.—Not later than 1 year after the date
22 of enactment of the Water Resources Development Act of
23 2016, and not less frequently than every 5 years there-
24 after, the Administrator shall submit to Congress a report
25 that describes—

1 “(1) the amount of financial assistance pro-
2 vided by State loan funds to deploy innovative water
3 technologies;

4 “(2) the barriers impacting greater use of inno-
5 vative water technologies; and

6 “(3) the cost-saving potential to cities and fu-
7 ture infrastructure investments from emerging tech-
8 nologies.”.

9 **Subtitle D—Drinking Water Dis-**
10 **aster Relief and Infrastructure**
11 **Investments**

12 **SEC. 7401. DRINKING WATER INFRASTRUCTURE.**

13 (a) DEFINITIONS.—In this section:

14 (1) ELIGIBLE STATE.—The term “eligible
15 State” means a State for which the President has
16 declared an emergency under the Robert T. Stafford
17 Disaster Relief and Emergency Assistance Act (42
18 U.S.C. 5121 et seq.) relating to the public health
19 threats associated with the presence of lead or other
20 contaminants in a public drinking water supply sys-
21 tem.

22 (2) ELIGIBLE SYSTEM.—The term “eligible sys-
23 tem” means a public drinking water supply system
24 that has been the subject of an emergency declara-
25 tion referred to in paragraph (1).

1 (b) STATE REVOLVING LOAN FUND ASSISTANCE.—

2 (1) IN GENERAL.—An eligible system shall be—

3 (A) considered to be a disadvantaged com-
4 munity under section 1452(d) of the Safe
5 Drinking Water Act (42 U.S.C. 300j–12(d));
6 and

7 (B) eligible to receive loans with additional
8 subsidization under that Act (42 U.S.C. 300f et
9 seq.), including forgiveness of principal under
10 section 1452(d)(1) of that Act (42 U.S.C.
11 300j–12(d)(1)).

12 (2) AUTHORIZATION.—

13 (A) IN GENERAL.—Using funds provided
14 under subsection (e)(1)(A), an eligible State
15 may provide assistance to an eligible system
16 within the eligible State, for the purpose of ad-
17 dressing lead or other contaminants in drinking
18 water, including repair and replacement of pub-
19 lic and private drinking water infrastructure.

20 (B) INCLUSION.—Assistance provided
21 under subparagraph (A) may include additional
22 subsidization under the Safe Drinking Water
23 Act (42 U.S.C. 300f et seq.), as described in
24 paragraph (1)(B).

1 (C) EXCLUSION.—Assistance provided
 2 under subparagraph (A) shall not include as-
 3 sistance for a project that is financed (directly
 4 or indirectly), in whole or in part, with proceeds
 5 of any obligation issued after the date of enact-
 6 ment of this Act—

7 (i) the interest of which is exempt
 8 from the tax imposed under chapter 1 of
 9 the Internal Revenue Code of 1986; or

10 (ii) with respect to which credit is al-
 11 lowable under subpart I or J of part IV of
 12 subchapter A of chapter 1 of such Code.

13 (3) LIMITATION.—Section 1452(d)(2) of the
 14 Safe Drinking Water Act (42 U.S.C. 300j-12(d)(2))
 15 shall not apply to—

16 (A) any funds provided under subsection
 17 (e)(1)(A); or

18 (B) any other loan provided to an eligible
 19 system.

20 (e) WATER INFRASTRUCTURE FINANCING.—

21 (1) SECURED LOANS.—

22 (A) IN GENERAL.—Using funds provided
 23 under subsection (e)(2)(A), the Administrator
 24 may make a secured loan under the Water In-

1 frastructure Finance and Innovation Act of
2 2014 (33 U.S.C. 3901 et seq.) to—

3 (i) an eligible State to carry out a
4 project eligible under paragraphs (2)
5 through (9) of section 5026 of that Act
6 (33 U.S.C. 3905) to address lead or other
7 contaminants in drinking water in an eligi-
8 ble system, including repair and replace-
9 ment of public and private drinking water
10 infrastructure; and

11 (ii) any eligible entity under section
12 5025 of that Act (33 U.S.C. 3904) for a
13 project eligible under paragraphs (2)
14 through (9) of section 5026 of that Act
15 (33 U.S.C. 3905).

16 (B) AMOUNT.—Notwithstanding section
17 5029(b)(2) of the Water Infrastructure Finance
18 and Innovation Act of 2014 (33 U.S.C.
19 3908(b)(2)), the amount of a secured loan pro-
20 vided under subparagraph (A)(i) may be equal
21 to not more than 80 percent of the reasonably
22 anticipated costs of the projects.

23 (2) FEDERAL INVOLVEMENT.—Notwithstanding
24 section 5029(b)(9) of the Water Infrastructure Fi-
25 nance and Innovation Act of 2014 (33 U.S.C.

1 3908(b)(9)), any costs for a project to address lead
2 or other contaminants in drinking water in an eligi-
3 ble system that are not covered by a secured loan
4 under paragraph (1) may be covered using amounts
5 in the State revolving loan fund under section 1452
6 of the Safe Drinking Water Act (42 U.S.C. 300j-
7 12).

8 (d) NONDUPLICATION OF WORK.—An activity car-
9 ried out pursuant to this section shall not duplicate the
10 work or activity of any other Federal or State department
11 or agency.

12 (e) FUNDING.—

13 (1) ADDITIONAL DRINKING WATER STATE RE-
14 VOLVING FUND CAPITALIZATION GRANTS.—

15 (A) IN GENERAL.—The Secretary of the
16 Treasury shall make available to the Adminis-
17 trator a total of \$100,000,000 to provide addi-
18 tional grants to eligible States pursuant to sec-
19 tion 1452 of the Safe Drinking Water Act (42
20 U.S.C. 300j-12), to be available during the pe-
21 riod of fiscal years 2016 and 2017 for the pur-
22 poses described in subsection (b)(2).

23 (B) SUPPLEMENTED INTENDED USE
24 PLANS.—From funds made available under sub-
25 paragraph (A), the Administrator shall obligate

1 to an eligible State such amounts as are nec-
2 essary to meet the needs identified in a supple-
3 mented intended use plan by not later than 30
4 days after the date on which the eligible State
5 submits to the Administrator a supplemented
6 intended use plan under section 1452(b) of the
7 Safe Drinking Water Act (42 U.S.C. 300j-
8 12(b)) that includes preapplication information
9 regarding projects to be funded using the addi-
10 tional assistance, including, with respect to each
11 such project—

12 (i) a description of the project;

13 (ii) an explanation of the means by
14 which the project will address a situation
15 causing a declared emergency in the eligi-
16 ble State;

17 (iii) the estimated cost of the project;

18 and

19 (iv) the projected start date for con-
20 struction of the project.

21 (C) UNOBLIGATED AMOUNTS.—Any
22 amounts made available to the Administrator
23 under subparagraph (A) that are unobligated
24 on the date that is 18 months after the date on
25 which the amounts are made available shall be

1 available to provide additional grants to States
2 to capitalize State loan funds as provided under
3 section 1452 of the Safe Drinking Water Act
4 (42 U.S.C. 300j-12).

5 (D) APPLICABILITY.—Section 1452(b)(1)
6 of the Safe Drinking Water Act (42 U.S.C.
7 300j-12(b)(1)) shall not apply to a supplement
8 to an intended use plan under subparagraph
9 (B).

10 (2) WIFIA FUNDING.—

11 (A) IN GENERAL.—As soon as practicable
12 after the date of enactment of this Act, the Sec-
13 retary of the Treasury shall make available to
14 the Administrator \$70,000,000 to provide cred-
15 it subsidies, in consultation with the Director of
16 the Office of Management and Budget, for se-
17 cured loans under subsection (c)(1)(A) with a
18 goal of providing secured loans totaling at least
19 \$700,000,000.

20 (B) USE.—Secured loans provided pursu-
21 ant to subparagraph (A) shall be available to
22 carry out activities described in subsection
23 (c)(1)(A).

24 (C) EXCLUSION.—Of the amounts made
25 available under subparagraph (A), \$20,000,000

1 shall not be used to provide assistance for a
2 project that is financed (directly or indirectly),
3 in whole or in part, with proceeds of any obliga-
4 tion issued after the date of enactment of this
5 Act—

6 (i) the interest of which is exempt
7 from the tax imposed under chapter 1 of
8 the Internal Revenue Code of 1986; or

9 (ii) with respect to which credit is al-
10 lowable under subpart I or J of part IV of
11 subchapter A of chapter 1 of such Code.

12 (3) APPLICABILITY.—Unless explicitly waived,
13 all requirements under the Safe Drinking Water Act
14 (42 U.S.C. 300f et seq.) and the Water Infrastruc-
15 ture Finance and Innovation Act of 2014 (33 U.S.C.
16 3901 et seq.) shall apply to funding provided under
17 this subsection.

18 (f) HEALTH EFFECTS EVALUATION.—

19 (1) IN GENERAL.—Pursuant to section
20 104(i)(1)(E) of the Comprehensive Environmental
21 Response, Compensation, and Liability Act (42
22 U.S.C. 9604(i)(1)(E)), and on receipt of a request
23 of an appropriate State or local health official of an
24 eligible State, the Director of the Agency for Toxic
25 Substances and Disease Registry of the National

1 Center for Environmental Health shall in coordina-
2 tion with other agencies, as appropriate, conduct vol-
3 untary surveillance activities to evaluate any adverse
4 health effects on individuals exposed to lead from
5 drinking water in the affected communities.

6 (2) CONSULTATIONS.—Pursuant to section
7 104(i)(4) of the Comprehensive Environmental Re-
8 sponse, Compensation, and Liability Act (42 U.S.C.
9 9604(i)(4)), and on receipt of a request of an appro-
10 priate State or local health official of an eligible
11 State, the Director of the Agency for Toxic Sub-
12 stances and Disease Registry of the National Center
13 for Environmental Health shall provide consultations
14 regarding health issues described in paragraph (1).

15 **SEC. 7402. LOAN FORGIVENESS.**

16 The matter under the heading “STATE AND TRIBAL
17 ASSISTANCE GRANTS” under the heading “ENVIRON-
18 MENTAL PROTECTION AGENCY” in title II of divi-
19 sion G of the Consolidated Appropriations Act, 2016
20 (Public Law 114–113), is amended in paragraph (1), by
21 striking the semicolon at the end and inserting the fol-
22 lowing: “or, if a Federal or State emergency declaration
23 has been issued due to a threat to public health from
24 heightened exposure to lead in a municipal drinking water
25 supply, before the date of enactment of this Act: *Provided*

1 *further*, That in a State in which such an emergency dec-
 2 laration has been issued, the State may use more than
 3 20 percent of the funds made available under this title
 4 to the State for Drinking Water State Revolving Fund
 5 capitalization grants to provide additional subsidy to eligi-
 6 ble recipients;”.

7 **SEC. 7403. REGISTRY FOR LEAD EXPOSURE AND ADVISORY**
 8 **COMMITTEE.**

9 (a) DEFINITIONS.—In this section:

10 (1) CITY.—The term “City” means a city ex-
 11 posed to lead contamination in the local drinking
 12 water system.

13 (2) COMMITTEE.—The term “Committee”
 14 means the Advisory Committee established under
 15 subsection (c).

16 (3) SECRETARY.—The term “Secretary” means
 17 the Secretary of Health and Human Services.

18 (b) LEAD EXPOSURE REGISTRY.—The Secretary
 19 shall establish within the Agency for Toxic Substances and
 20 Disease Registry or another relevant agency at the discre-
 21 tion of the Secretary, or establish through a grant award
 22 or contract, a lead exposure registry to collect data on the
 23 lead exposure of residents of a City on a voluntary basis.

24 (c) ADVISORY COMMITTEE.—

25 (1) MEMBERSHIP.—

1 (A) IN GENERAL.—The Secretary shall es-
2 tablish an Advisory Committee in coordination
3 with the Director of the Centers for Disease
4 Control and Prevention and other relevant
5 agencies as determined by the Secretary con-
6 sisting of Federal members and non-Federal
7 members, and which shall include—

8 (i) an epidemiologist;

9 (ii) a toxicologist;

10 (iii) a mental health professional;

11 (iv) a pediatrician;

12 (v) an early childhood education ex-
13 pert;

14 (vi) a special education expert;

15 (vii) a dietician; and

16 (viii) an environmental health expert.

17 (B) REQUIREMENTS.—Membership in the
18 Committee shall not exceed 15 members and
19 not less than 1/2 of the members shall be Fed-
20 eral members.

21 (2) CHAIR.—The Secretary shall designate a
22 chair from among the Federal members appointed to
23 the Committee.

24 (3) TERMS.—Members of the Committee shall
25 serve for a term of not more than 3 years and the

1 Secretary may reappoint members for consecutive
2 terms.

3 (4) APPLICATION OF FACA.—The Committee
4 shall be subject to the Federal Advisory Committee
5 Act (5 U.S.C. App.).

6 (5) RESPONSIBILITIES.—The Committee shall,
7 at a minimum—

8 (A) review the Federal programs and serv-
9 ices available to individuals and communities
10 exposed to lead;

11 (B) review current research on lead poi-
12 soning to identify additional research needs;

13 (C) review and identify best practices, or
14 the need for best practices, regarding lead
15 screening and the prevention of lead poisoning;

16 (D) identify effective services, including
17 services relating to healthcare, education, and
18 nutrition for individuals and communities af-
19 fected by lead exposure and lead poisoning, in-
20 cluding in consultation with, as appropriate, the
21 lead exposure registry as established in sub-
22 section (b); and

23 (E) undertake any other review or activi-
24 ties that the Secretary determines to be appro-
25 priate.

1 (6) REPORT.—Annually for 5 years and there-
2 after as determined necessary by the Secretary or as
3 required by Congress, the Committee shall submit to
4 the Secretary, the Committees on Finance, Health,
5 Education, Labor, and Pensions, and Agriculture,
6 Nutrition, and Forestry of the Senate and the Com-
7 mittees on Education and the Workforce, Energy
8 and Commerce, and Agriculture of the House of
9 Representatives a report that includes—

10 (A) an evaluation of the effectiveness of
11 the Federal programs and services available to
12 individuals and communities exposed to lead;

13 (B) an evaluation of additional lead poi-
14 soning research needs;

15 (C) an assessment of any effective screen-
16 ing methods or best practices used or developed
17 to prevent or screen for lead poisoning;

18 (D) input and recommendations for im-
19 proved access to effective services relating to
20 healthcare, education, or nutrition for individ-
21 uals and communities impacted by lead expo-
22 sure; and

23 (E) any other recommendations for com-
24 munities affected by lead exposure, as appro-
25 priate.

1 (d) MANDATORY FUNDING.—

2 (1) IN GENERAL.—On the date of enactment of
3 this Act, out of any funds in the Treasury not other-
4 wise appropriated, the Secretary of the Treasury
5 shall transfer to the Secretary, to be available during
6 the period of fiscal years 2016 through 2020—

7 (A) \$17,500,000 to carry out subsection
8 (b); and

9 (B) \$2,500,000 to carry out subsection (c).

10 (2) RECEIPT AND ACCEPTANCE.—The Sec-
11 retary shall be entitled to receive, shall accept, and
12 shall use to carry out subsections (b) and (c) the
13 funds transferred under subparagraphs (A) and (B)
14 of paragraph (1), respectively, without further ap-
15 propriation.

16 **SEC. 7404. ADDITIONAL FUNDING FOR CERTAIN CHILD-**
17 **HOOD HEALTH PROGRAMS.**

18 (a) CHILDHOOD LEAD POISONING PREVENTION
19 PROGRAM.—

20 (1) IN GENERAL.—On the date of enactment of
21 this Act, out of any funds in the Treasury not other-
22 wise appropriated, the Secretary of the Treasury
23 shall transfer to the Director of the Centers for Dis-
24 ease Control and Prevention, to be available during
25 the period of fiscal years 2017 and 2018,

1 \$10,000,000 for the childhood lead poisoning pre-
2 vention program authorized under section 317A of
3 the Public Health Service Act (42 U.S.C. 247b–1).

4 (2) RECEIPT AND ACCEPTANCE.—The Director
5 of the Centers for Disease Control and Prevention
6 shall be entitled to receive, shall accept, and shall
7 use to carry out the childhood lead poisoning preven-
8 tion program authorized under section 317A of the
9 Public Health Service Act (42 U.S.C. 247b–1) the
10 funds transferred under paragraph (1), without fur-
11 ther appropriation.

12 (b) HEALTHY HOMES PROGRAM.—

13 (1) IN GENERAL.—On the date of enactment of
14 this Act, out of any funds in the Treasury not other-
15 wise appropriated, the Secretary of the Treasury
16 shall transfer to the Secretary of Housing and
17 Urban Development, to be available during the pe-
18 riod of fiscal years 2017 and 2018, \$10,000,000 to
19 carry out the Healthy Homes Initiative of the De-
20 partment of Housing and Urban Development.

21 (2) RECEIPT AND ACCEPTANCE.—The Sec-
22 retary of Housing and Urban Development shall be
23 entitled to receive, shall accept, and shall use to
24 carry out the Healthy Homes Initiative of the De-
25 partment of Housing and Urban Development the

1 funds transferred under paragraph (1), without fur-
2 ther appropriation.

3 (c) HEALTHY START PROGRAM.—

4 (1) IN GENERAL.—On the date of enactment of
5 this Act, out of any funds in the Treasury not other-
6 wise appropriated, the Secretary of the Treasury
7 shall transfer to the Administrator of the Health Re-
8 sources and Services Administration, to be available
9 during the period of fiscal years 2017 and 2018,
10 \$10,000,000 to carry out the Healthy Start Initia-
11 tive under section 330H of the Public Health Serv-
12 ice Act (42 U.S.C. 254c–8).

13 (2) RECEIPT AND ACCEPTANCE.—The Adminis-
14 trator of the Health Resources and Services Admin-
15 istration shall be entitled to receive, shall accept,
16 and shall use to carry out the Healthy Start Initia-
17 tive under section 330H of the Public Health Serv-
18 ice Act (42 U.S.C. 254c–8) the funds transferred
19 under paragraph (1), without further appropriation.

20 **SEC. 7405. REVIEW AND REPORT.**

21 (a) IN GENERAL.—Not later than 1 year after the
22 date of enactment of this Act, the Attorney General and
23 the Inspector General of the Environmental Protection
24 Agency shall submit to the Committees on Appropriations,
25 Environment and Public Works, and Homeland Security

1 and Governmental Affairs of the Senate and the Commit-
2 tees on Appropriations, Energy and Commerce, Transpor-
3 tation and Infrastructure, and Oversight and Government
4 Reform of the House of Representatives a report on the
5 status of any ongoing investigations into the Federal and
6 State response to the contamination of the drinking water
7 supply of the City of Flint, Michigan.

8 (b) REVIEW.—Not later than 30 days after the com-
9 pletion of the investigations described in subsection (a),
10 the Comptroller General of the United States shall com-
11 mence a review of issues that are not addressed by the
12 investigations and relating to—

13 (1) the adequacy of the response by the State
14 of Michigan and the City of Flint to the drinking
15 water crisis in Flint, Michigan, including the timeli-
16 ness and transparency of the response, as well as the
17 capacity of the State and City to manage the drink-
18 ing water system; and

19 (2) the adequacy of the response by Region 5
20 of the Environmental Protection Agency to the
21 drinking water crisis in Flint, Michigan, including
22 the timeliness and transparency of the response.

23 (c) CONTENTS OF REPORT.—Not later than 1 year
24 after commencing each review under subsection (b), the

1 Comptroller General of the United States shall submit to
2 Congress a report that includes—

3 (1) a statement of the principal findings of the
4 review; and

5 (2) recommendations for Congress and the
6 President to take any actions to prevent a similar
7 situation in the future and to protect public health.

8 **Subtitle E—Report on**
9 **Groundwater Contamination**

10 **SEC. 7501. DEFINITIONS.**

11 In this subtitle:

12 (1) **COMPREHENSIVE STRATEGY.**—The term
13 “comprehensive strategy” means a plan for—

14 (A) the remediation of the plume under the
15 Comprehensive Environmental Response, Com-
16 pensation, and Liability Act of 1980 (42 U.S.C.
17 9601 et seq.); or

18 (B) corrective action under the Solid
19 Waste Disposal Act (42 U.S.C. 6901 et seq.).

20 (2) **GROUNDWATER.**—The term “groundwater”
21 means water in a saturated zone or stratum beneath
22 the surface of land or water.

23 (3) **PLUME.**—The term “plume” means any
24 hazardous waste (as defined in section 1004 of the
25 Solid Waste Disposal Act (42 U.S.C. 6903)) or haz-

1 ardous substance (as defined in section 101 of the
2 Comprehensive Environmental Response, Compensa-
3 tion, and Liability Act of 1980 (42 U.S.C. 9601))
4 found in the groundwater supply.

5 (4) SITE.—The term “site” means the site lo-
6 cated at 830 South Oyster Bay Road, Bethpage,
7 New York, 11714 (Environmental Protection Agency
8 identification number NYD002047967).

9 **SEC. 7502. REPORT ON GROUNDWATER CONTAMINATION.**

10 Not later than 180 days after the date of enactment
11 of this Act and annually thereafter, the Secretary of the
12 Navy shall submit to Congress a report on the ground-
13 water contamination from the site that includes—

14 (1) a description of the status of the ground-
15 water contaminants that are leaving the site and mi-
16 grating to a location within a 10-mile radius of the
17 site, including—

18 (A) detailed mapping of the movement of
19 the plume over time; and

20 (B) projected migration rates of the plume;

21 (2) an analysis of the current and future im-
22 pact of the movement of the plume on drinking
23 water facilities; and

24 (3) a comprehensive strategy to prevent the
25 groundwater contaminants from the site from con-

1 taminating drinking water wells that, as of the date
 2 of the submission of the report, have not been af-
 3 fected by the migration of the plume.

4 **Subtitle F—Restoration**

5 **PART I—GREAT LAKES RESTORATION INITIATIVE**

6 **SEC. 7611. GREAT LAKES RESTORATION INITIATIVE.**

7 Section 118(c) of the Federal Water Pollution Con-
 8 trol Act (33 U.S.C. 1268(c)) is amended by striking para-
 9 graph (7) and inserting the following:

10 “(7) GREAT LAKES RESTORATION INITIA-
 11 TIVE.—

12 “(A) ESTABLISHMENT.—There is estab-
 13 lished in the Agency a Great Lakes Restoration
 14 Initiative (referred to in this paragraph as the
 15 ‘Initiative’) to carry out programs and projects
 16 for Great Lakes protection and restoration.

17 “(B) FOCUS AREAS.—Each fiscal year
 18 under a 5-year Initiative Action Plan, the Ini-
 19 tiative shall prioritize programs and projects,
 20 carried out in coordination with non-Federal
 21 partners, that address priority areas, such as—

22 “(i) the remediation of toxic sub-
 23 stances and areas of concern;

1 “(ii) the prevention and control of
2 invasive species and the impacts of invasive
3 species;

4 “(iii) the protection and restoration of
5 nearshore health and the prevention and
6 mitigation of nonpoint source pollution;

7 “(iv) habitat and wildlife protection
8 and restoration, including wetlands res-
9 toration and preservation; and

10 “(v) accountability, monitoring, eval-
11 uation, communication, and partnership
12 activities.

13 “(C) PROJECTS.—Under the Initiative, the
14 Agency shall collaborate with Federal partners,
15 including the Great Lakes Interagency Task
16 Force, to select the best combination of pro-
17 grams and projects for Great Lakes protection
18 and restoration using appropriate principles
19 and criteria, including whether a program or
20 project provides—

21 “(i) the ability to achieve strategic
22 and measurable environmental outcomes
23 that implement the Great Lakes Action
24 Plan and the Great Lakes Water Quality
25 Agreement;

1 “(ii) the feasibility of—

2 “(I) prompt implementation;

3 “(II) timely achievement of re-
4 sults; and

5 “(III) resource leveraging; and

6 “(iii) the opportunity to improve
7 interagency and inter-organizational co-
8 ordination and collaboration to reduce du-
9 plication and streamline efforts.

10 “(D) IMPLEMENTATION OF PROJECTS.—

11 “(i) IN GENERAL.—Subject to sub-
12 paragraph (G)(ii), funds made available to
13 carry out the Initiative shall be used to
14 strategically implement—

15 “(I) Federal projects; and

16 “(II) projects carried out in co-
17 ordination with States, Indian tribes,
18 municipalities, institutions of higher
19 education, and other organizations.

20 “(ii) TRANSFER OF FUNDS.—With
21 amounts made available for the Initiative
22 each fiscal year, the Administrator may—

23 “(I) transfer not more than
24 \$300,000,000 to the head of any Fed-
25 eral department or agency, with the

1 concurrence of the department or
2 agency head, to carry out activities to
3 support the Initiative and the Great
4 Lakes Water Quality Agreement;

5 “(II) enter into an interagency
6 agreement with the head of any Fed-
7 eral department or agency to carry
8 out activities described in subclause
9 (I); and

10 “(III) make grants to govern-
11 mental entities, nonprofit organiza-
12 tions, institutions, and individuals for
13 planning, research, monitoring, out-
14 reach, and implementation of projects
15 in furtherance of the Initiative and
16 the Great Lakes Water Quality Agree-
17 ment.

18 “(E) SCOPE.—

19 “(i) IN GENERAL.—Projects shall be
20 carried out under the Initiative on multiple
21 levels, including—

22 “(I) Great Lakes-wide; and

23 “(II) Great Lakes basin-wide.

24 “(ii) LIMITATION.—No funds made
25 available to carry out the Initiative may be

1 used for any water infrastructure activity
2 (other than a green infrastructure project
3 that improves habitat and other ecosystem
4 functions in the Great Lakes) for which
5 amounts are made available from—

6 “(I) a State water pollution con-
7 trol revolving fund established under
8 title VI; or

9 “(II) a State drinking water re-
10 volving loan fund established under
11 section 1452 of the Safe Drinking
12 Water Act (42 U.S.C. 300j–12).

13 “(F) ACTIVITIES BY OTHER FEDERAL
14 AGENCIES.—Each relevant Federal department
15 or agency shall, to the maximum extent prac-
16 ticable—

17 “(i) maintain the base level of funding
18 for the Great Lakes activities of that de-
19 partment or agency without regard to
20 funding under the Initiative; and

21 “(ii) identify new activities and
22 projects to support the environmental goals
23 of the Initiative and the Great Lakes
24 Water Quality Agreement.

25 “(G) FUNDING.—

1 “(i) IN GENERAL.—There is author-
 2 ized to be appropriated to carry out this
 3 paragraph \$300,000,000 for each of fiscal
 4 years 2017 through 2021.

5 “(ii) LIMITATION.—Nothing in this
 6 paragraph creates, expands, or amends the
 7 authority of the Administrator to imple-
 8 ment programs or projects under—

9 “(I) this section;

10 “(II) the Initiative Action Plan;

11 or

12 “(III) the Great Lakes Water
 13 Quality Agreement.”.

14 **PART II—LAKE TAHOE RESTORATION**

15 **SEC. 7621. FINDINGS AND PURPOSES.**

16 The Lake Tahoe Restoration Act (Public Law 106–
 17 506; 114 Stat. 2351) is amended by striking section 2
 18 and inserting the following:

19 **“SEC. 2. FINDINGS AND PURPOSES.**

20 “(a) FINDINGS.—Congress finds that—

21 “(1) Lake Tahoe—

22 “(A) is one of the largest, deepest, and
 23 clearest lakes in the world;

1 “(B) has a cobalt blue color, a biologically
2 diverse alpine setting, and remarkable water
3 clarity; and

4 “(C) is recognized nationally and world-
5 wide as a natural resource of special signifi-
6 cance;

7 “(2) in addition to being a scenic and ecological
8 treasure, the Lake Tahoe Basin is one of the out-
9 standing recreational resources of the United States,
10 which—

11 “(A) offers skiing, water sports, biking,
12 camping, and hiking to millions of visitors each
13 year; and

14 “(B) contributes significantly to the econo-
15 mies of California, Nevada, and the United
16 States;

17 “(3) the economy in the Lake Tahoe Basin is
18 dependent on the conservation and restoration of the
19 natural beauty and recreation opportunities in the
20 area;

21 “(4) the ecological health of the Lake Tahoe
22 Basin continues to be challenged by the impacts of
23 land use and transportation patterns developed in
24 the last century;

1 “(5) the alteration of wetland, wet meadows,
2 and stream zone habitat have compromised the ca-
3 pacity of the watershed to filter sediment, nutrients,
4 and pollutants before reaching Lake Tahoe;

5 “(6) forests in the Lake Tahoe Basin suffer
6 from over a century of fire damage and periodic
7 drought, which have resulted in—

8 “(A) high tree density and mortality;

9 “(B) the loss of biological diversity; and

10 “(C) a large quantity of combustible forest
11 fuels, which significantly increases the threat of
12 catastrophic fire and insect infestation;

13 “(7) the establishment of several aquatic and
14 terrestrial invasive species (including perennial
15 pepperweed, milfoil, and Asian clam) threatens the
16 ecosystem of the Lake Tahoe Basin;

17 “(8) there is an ongoing threat to the economy
18 and ecosystem of the Lake Tahoe Basin of the intro-
19 duction and establishment of other invasive species
20 (such as yellow starthistle, New Zealand mud snail,
21 Zebra mussel, and quagga mussel);

22 “(9) 78 percent of the land in the Lake Tahoe
23 Basin is administered by the Federal Government,
24 which makes it a Federal responsibility to restore ec-
25 ological health to the Lake Tahoe Basin;

1 “(10) the Federal Government has a long his-
2 tory of environmental stewardship at Lake Tahoe,
3 including—

4 “(A) congressional consent to the estab-
5 lishment of the Planning Agency with—

6 “(i) the enactment in 1969 of Public
7 Law 91–148 (83 Stat. 360); and

8 “(ii) the enactment in 1980 of Public
9 Law 96–551 (94 Stat. 3233);

10 “(B) the establishment of the Lake Tahoe
11 Basin Management Unit in 1973;

12 “(C) the enactment of Public Law 96–586
13 (94 Stat. 3381) in 1980 to provide for the ac-
14 quisition of environmentally sensitive land and
15 erosion control grants in the Lake Tahoe Basin;

16 “(D) the enactment of sections 341 and
17 342 of the Department of the Interior and Re-
18 lated Agencies Appropriations Act, 2004 (Pub-
19 lic Law 108–108; 117 Stat. 1317), which
20 amended the Southern Nevada Public Land
21 Management Act of 1998 (Public Law 105–
22 263; 112 Stat. 2346) to provide payments for
23 the environmental restoration programs under
24 this Act; and

1 “(E) the enactment of section 382 of the
2 Tax Relief and Health Care Act of 2006 (Pub-
3 lic Law 109–432; 120 Stat. 3045), which
4 amended the Southern Nevada Public Land
5 Management Act of 1998 (Public Law 105–
6 263; 112 Stat. 2346) to authorize development
7 and implementation of a comprehensive 10-year
8 hazardous fuels and fire prevention plan for the
9 Lake Tahoe Basin;

10 “(11) the Assistant Secretary was an original
11 signatory in 1997 to the Agreement of Federal De-
12 partments on Protection of the Environment and
13 Economic Health of the Lake Tahoe Basin;

14 “(12) the Chief of Engineers, under direction
15 from the Assistant Secretary, has continued to be a
16 significant contributor to Lake Tahoe Basin restora-
17 tion, including—

18 “(A) stream and wetland restoration; and

19 “(B) programmatic technical assistance;

20 “(13) at the Lake Tahoe Presidential Forum in
21 1997, the President renewed the commitment of the
22 Federal Government to Lake Tahoe by—

23 “(A) committing to increased Federal re-
24 sources for ecological restoration at Lake
25 Tahoe; and

1 “(B) establishing the Federal Interagency
2 Partnership and Federal Advisory Committee to
3 consult on natural resources issues concerning
4 the Lake Tahoe Basin;

5 “(14) at the 2011 and 2012 Lake Tahoe Fo-
6 rums, Senator Reid, Senator Feinstein, Senator
7 Heller, Senator Ensign, Governor Gibbons, Governor
8 Sandoval, and Governor Brown—

9 “(A) renewed their commitment to Lake
10 Tahoe; and

11 “(B) expressed their desire to fund the
12 Federal and State shares of the Environmental
13 Improvement Program through 2022;

14 “(15) since 1997, the Federal Government, the
15 States of California and Nevada, units of local gov-
16 ernment, and the private sector have contributed
17 more than \$1,740,000,000 to the Lake Tahoe
18 Basin, including—

19 “(A) \$576,300,000 from the Federal Gov-
20 ernment;

21 “(B) \$654,600,000 from the State of Cali-
22 fornia;

23 “(C) \$112,500,000 from the State of Ne-
24 vada;

1 “(D) \$74,900,000 from units of local gov-
2 ernment; and

3 “(E) \$323,700,000 from private interests;
4 “(16) significant additional investment from
5 Federal, State, local, and private sources is nec-
6 essary—

7 “(A) to restore and sustain the ecological
8 health of the Lake Tahoe Basin;

9 “(B) to adapt to the impacts of fluctuating
10 water temperature and precipitation; and

11 “(C) to prevent the introduction and estab-
12 lishment of invasive species in the Lake Tahoe
13 Basin; and

14 “(17) the Secretary has indicated that the Lake
15 Tahoe Basin Management Unit has the capacity for
16 at least \$10,000,000 annually for the Fire Risk Re-
17 duction and Forest Management Program.

18 “(b) PURPOSES.—The purposes of this Act are—

19 “(1) to enable the Chief of the Forest Service,
20 the Director of the United States Fish and Wildlife
21 Service, and the Administrator, in cooperation with
22 the Planning Agency and the States of California
23 and Nevada, to fund, plan, and implement signifi-
24 cant new environmental restoration activities and

1 forest management activities in the Lake Tahoe
2 Basin;

3 “(2) to ensure that Federal, State, local, re-
4 gional, tribal, and private entities continue to work
5 together to manage land in the Lake Tahoe Basin;

6 “(3) to support local governments in efforts re-
7 lated to environmental restoration, stormwater pollu-
8 tion control, fire risk reduction, and forest manage-
9 ment activities; and

10 “(4) to ensure that agency and science commu-
11 nity representatives in the Lake Tahoe Basin work
12 together—

13 “(A) to develop and implement a plan for
14 integrated monitoring, assessment, and applied
15 research to evaluate the effectiveness of the En-
16 vironmental Improvement Program; and

17 “(B) to provide objective information as a
18 basis for ongoing decisionmaking, with an em-
19 phasis on decisionmaking relating to resource
20 management in the Lake Tahoe Basin.”.

21 **SEC. 7622. DEFINITIONS.**

22 The Lake Tahoe Restoration Act (Public Law 106–
23 506; 114 Stat. 2351) is amended by striking section 3
24 and inserting the following:

1 **“SEC. 3. DEFINITIONS.**

2 “In this Act:

3 “(1) ADMINISTRATOR.—The term ‘Adminis-
4 trator’ means the Administrator of the Environ-
5 mental Protection Agency.6 “(2) ASSISTANT SECRETARY.—The term ‘As-
7 sistant Secretary’ means the Assistant Secretary of
8 the Army for Civil Works.9 “(3) CHAIR.—The term ‘Chair’ means the
10 Chair of the Federal Partnership.11 “(4) COMPACT.—The term ‘Compact’ means
12 the Tahoe Regional Planning Compact included in
13 the first section of Public Law 96–551 (94 Stat.
14 3233).15 “(5) DIRECTORS.—The term ‘Directors’
16 means—17 “(A) the Director of the United States
18 Fish and Wildlife Service; and19 “(B) the Director of the United States Ge-
20 ological Survey.21 “(6) ENVIRONMENTAL IMPROVEMENT PRO-
22 GRAM.—The term ‘Environmental Improvement Pro-
23 gram’ means—24 “(A) the Environmental Improvement Pro-
25 gram adopted by the Planning Agency; and

26 “(B) any amendments to the Program.

1 “(7) ENVIRONMENTAL THRESHOLD CARRYING
2 CAPACITY.—The term ‘environmental threshold car-
3 rying capacity’ has the meaning given the term in
4 Article II of the Compact.

5 “(8) FEDERAL PARTNERSHIP.—The term ‘Fed-
6 eral Partnership’ means the Lake Tahoe Federal
7 Interagency Partnership established by Executive
8 Order 13057 (62 Fed. Reg. 41249) (or a successor
9 Executive order).

10 “(9) FOREST MANAGEMENT ACTIVITY.—The
11 term ‘forest management activity’ includes—

12 “(A) prescribed burning for ecosystem
13 health and hazardous fuels reduction;

14 “(B) mechanical and minimum tool treat-
15 ment;

16 “(C) stream environment zone restoration
17 and other watershed and wildlife habitat en-
18 hancements;

19 “(D) nonnative invasive species manage-
20 ment; and

21 “(E) other activities consistent with Forest
22 Service practices, as the Secretary determines
23 to be appropriate.

24 “(10) MAPS.—The term ‘Maps’ means the
25 maps—

1 “(A) entitled—

2 “(i) ‘LTRA USFS-CA Land Ex-
3 change/North Shore’;

4 “(ii) ‘USFS-CA Land Exchange/West
5 Shore’; and

6 “(iii) ‘USFS-CA Land Exchange/
7 South Shore’; and

8 “(B) dated April 12, 2013, and on file and
9 available for public inspection in the appro-
10 priate offices of—

11 “(i) the Forest Service;

12 “(ii) the California Tahoe Conser-
13 vancy; and

14 “(iii) the California Department of
15 Parks and Recreation.

16 “(11) NATIONAL WILDLAND FIRE CODE.—The
17 term ‘national wildland fire code’ means—

18 “(A) the most recent publication of the
19 National Fire Protection Association codes
20 numbered 1141, 1142, 1143, and 1144;

21 “(B) the most recent publication of the
22 International Wildland-Urban Interface Code of
23 the International Code Council; or

24 “(C) any other code that the Secretary de-
25 termines provides the same, or better, stand-

1 ards for protection against wildland fire as a
2 code described in subparagraph (A) or (B).

3 “(12) PLANNING AGENCY.—The term ‘Planning
4 Agency’ means the Tahoe Regional Planning Agency
5 established under Public Law 91–148 (83 Stat. 360)
6 and Public Law 96–551 (94 Stat. 3233).

7 “(13) PRIORITY LIST.—The term ‘Priority List’
8 means the environmental restoration priority list de-
9 veloped under section 5(b).

10 “(14) SECRETARY.—The term ‘Secretary’
11 means the Secretary of Agriculture, acting through
12 the Chief of the Forest Service.

13 “(15) STREAM ENVIRONMENT ZONE.—The
14 term ‘Stream Environment Zone’ means an area
15 that generally owes the biological and physical char-
16 acteristics of the area to the presence of surface
17 water or groundwater.

18 “(16) TOTAL MAXIMUM DAILY LOAD.—The
19 term ‘total maximum daily load’ means the total
20 maximum daily load allocations adopted under sec-
21 tion 303(d) of the Federal Water Pollution Control
22 Act (33 U.S.C. 1313(d)).

23 “(17) WATERCRAFT.—The term ‘watercraft’
24 means motorized and non-motorized watercraft, in-

1 cluding boats, seaplanes, personal watercraft,
2 kayaks, and canoes.”.

3 **SEC. 7623. IMPROVED ADMINISTRATION OF THE LAKE**
4 **TAHOE BASIN MANAGEMENT UNIT.**

5 Section 4 of the Lake Tahoe Restoration Act (Public
6 Law 106–506; 114 Stat. 2353) is amended—

7 (1) in subsection (b)(3), by striking “basin”
8 and inserting “Basin”; and

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

10 “(c) FOREST MANAGEMENT ACTIVITIES.—

11 “(1) COORDINATION.—

12 “(A) IN GENERAL.—In conducting forest
13 management activities in the Lake Tahoe Basin
14 Management Unit, the Secretary shall, as ap-
15 propriate, coordinate with the Administrator
16 and State and local agencies and organizations,
17 including local fire departments and volunteer
18 groups.

19 “(B) GOALS.—The coordination of activi-
20 ties under subparagraph (A) should aim to in-
21 crease efficiencies and maximize the compat-
22 ibility of management practices across public
23 property boundaries.

24 “(2) MULTIPLE BENEFITS.—

1 “(A) IN GENERAL.—In conducting forest
2 management activities in the Lake Tahoe Basin
3 Management Unit, the Secretary shall conduct
4 the activities in a manner that—

5 “(i) except as provided in subpara-
6 graph (B), attains multiple ecosystem ben-
7 efits, including—

8 “(I) reducing forest fuels;

9 “(II) maintaining biological di-
10 versity;

11 “(III) improving wetland and
12 water quality, including in Stream
13 Environment Zones; and

14 “(IV) increasing resilience to
15 changing water temperature and pre-
16 cipitation; and

17 “(ii) helps achieve and maintain the
18 environmental threshold carrying capacities
19 established by the Planning Agency.

20 “(B) EXCEPTION.—Notwithstanding sub-
21 paragraph (A)(i), the attainment of multiple
22 ecosystem benefits shall not be required if the
23 Secretary determines that management for mul-
24 tiple ecosystem benefits would excessively in-
25 crease the cost of a program in relation to the

1 additional ecosystem benefits gained from the
2 management activity.

3 “(3) GROUND DISTURBANCE.—Consistent with
4 applicable Federal law and Lake Tahoe Basin Man-
5 agement Unit land and resource management plan
6 direction, the Secretary shall—

7 “(A) establish post-program ground condi-
8 tion criteria for ground disturbance caused by
9 forest management activities; and

10 “(B) provide for monitoring to ascertain
11 the attainment of the post-program conditions.

12 “(d) WITHDRAWAL OF FEDERAL LAND.—

13 “(1) IN GENERAL.—Subject to valid existing
14 rights and paragraph (2), the Federal land located
15 in the Lake Tahoe Basin Management Unit is with-
16 drawn from—

17 “(A) all forms of entry, appropriation, or
18 disposal under the public land laws;

19 “(B) location, entry, and patent under the
20 mining laws; and

21 “(C) disposition under all laws relating to
22 mineral and geothermal leasing.

23 “(2) EXCEPTIONS.—A conveyance of land shall
24 be exempt from withdrawal under this subsection if
25 carried out under—

1 “(A) this Act; or

2 “(B) Public Law 96–586 (94 Stat. 3381)

3 (commonly known as the ‘Santini-Burton Act’).

4 “(e) ENVIRONMENTAL THRESHOLD CARRYING CA-
5 PACITY.—The Lake Tahoe Basin Management Unit shall
6 support the attainment of the environmental threshold
7 carrying capacities.

8 “(f) COOPERATIVE AUTHORITIES.—During the 4 fis-
9 cal years following the date of enactment of the Water
10 Resources Development Act of 2016, the Secretary, in
11 conjunction with land adjustment programs, may enter
12 into contracts and cooperative agreements with States,
13 units of local government, and other public and private
14 entities to provide for fuel reduction, erosion control, re-
15 forestation, Stream Environment Zone restoration, and
16 similar management activities on Federal land and non-
17 Federal land within the programs.”.

18 **SEC. 7624. AUTHORIZED PROGRAMS.**

19 The Lake Tahoe Restoration Act (Public Law 106–
20 506; 114 Stat. 2351) is amended by striking section 5
21 and inserting the following:

22 **“SEC. 5. AUTHORIZED PROGRAMS.**

23 “(a) IN GENERAL.—The Secretary, the Assistant
24 Secretary, the Directors, and the Administrator, in coordi-
25 nation with the Planning Agency and the States of Cali-

1 fornia and Nevada, may carry out or provide financial as-
2 sistance to any program that—

3 “(1) is described in subsection (d);

4 “(2) is included in the Priority List under sub-
5 section (b); and

6 “(3) furthers the purposes of the Environ-
7 mental Improvement Program if the program has
8 been subject to environmental review and approval,
9 respectively, as required under Federal law, Article
10 VII of the Compact, and State law, as applicable.

11 “(b) PRIORITY LIST.—

12 “(1) DEADLINE.—Not later than March 15 of
13 the year after the date of enactment of the Water
14 Resources Development Act of 2016, the Chair, in
15 consultation with the Secretary, the Administrator,
16 the Directors, the Planning Agency, the States of
17 California and Nevada, the Federal Partnership, the
18 Washoe Tribe, the Lake Tahoe Federal Advisory
19 Committee, and the Tahoe Science Consortium (or a
20 successor organization) shall submit to Congress a
21 prioritized Environmental Improvement Program list
22 for the Lake Tahoe Basin for each program category
23 described in subsection (d).

1 “(2) CRITERIA.—The ranking of the Priority
2 List shall be based on the best available science and
3 the following criteria:

4 “(A) The 4-year threshold carrying capac-
5 ity evaluation.

6 “(B) The ability to measure progress or
7 success of the program.

8 “(C) The potential to significantly con-
9 tribute to the achievement and maintenance of
10 the environmental threshold carrying capacities
11 identified in Article II of the Compact.

12 “(D) The ability of a program to provide
13 multiple benefits.

14 “(E) The ability of a program to leverage
15 non-Federal contributions.

16 “(F) Stakeholder support for the program.

17 “(G) The justification of Federal interest.

18 “(H) Agency priority.

19 “(I) Agency capacity.

20 “(J) Cost-effectiveness.

21 “(K) Federal funding history.

22 “(3) REVISIONS.—The Priority List submitted
23 under paragraph (1) shall be revised every 2 years.

24 “(4) FUNDING.—Of the amounts made avail-
25 able under section 10(a), \$80,000,000 shall be made

1 available to the Secretary to carry out projects listed
2 on the Priority List.

3 “(c) RESTRICTION.—The Administrator shall use not
4 more than 3 percent of the funds provided under sub-
5 section (a) for administering the programs described in
6 paragraphs (1) and (2) of subsection (d).

7 “(d) DESCRIPTION OF ACTIVITIES.—

8 “(1) FIRE RISK REDUCTION AND FOREST MAN-
9 AGEMENT.—

10 “(A) IN GENERAL.—Of the amounts made
11 available under section 10(a), \$150,000,000
12 shall be made available to the Secretary to
13 carry out, including by making grants, the fol-
14 lowing programs:

15 “(i) Programs identified as part of the
16 Lake Tahoe Basin Multi-Jurisdictional
17 Fuel Reduction and Wildfire Prevention
18 Strategy 10-Year Plan.

19 “(ii) Competitive grants for fuels work
20 to be awarded by the Secretary to commu-
21 nities that have adopted national wildland
22 fire codes to implement the applicable por-
23 tion of the 10-year plan described in clause
24 (i).

1 “(iii) Biomass programs, including
2 feasibility assessments.

3 “(iv) Angora Fire Restoration under
4 the jurisdiction of the Secretary.

5 “(v) Washoe Tribe programs on tribal
6 lands within the Lake Tahoe Basin.

7 “(vi) Development of an updated
8 Lake Tahoe Basin multijurisdictional fuel
9 reduction and wildfire prevention strategy,
10 consistent with section 4(c).

11 “(vii) Development of updated com-
12 munity wildfire protection plans by local
13 fire districts.

14 “(viii) Municipal water infrastructure
15 that significantly improves the firefighting
16 capability of local government within the
17 Lake Tahoe Basin.

18 “(ix) Stewardship end result con-
19 tracting projects carried out under section
20 604 of the Healthy Forests Restoration
21 Act of 2003 (16 U.S.C. 6591c).

22 “(B) MINIMUM ALLOCATION.—Of the
23 amounts made available to the Secretary to
24 carry out subparagraph (A), at least

1 \$100,000,000 shall be used by the Secretary for
2 programs under subparagraph (A)(i).

3 “(C) PRIORITY.—Units of local govern-
4 ment that have dedicated funding for inspec-
5 tions and enforcement of defensible space regu-
6 lations shall be given priority for amounts pro-
7 vided under this paragraph.

8 “(D) COST-SHARING REQUIREMENTS.—

9 “(i) IN GENERAL.—As a condition on
10 the receipt of funds, communities or local
11 fire districts that receive funds under this
12 paragraph shall provide a 25-percent
13 match.

14 “(ii) FORM OF NON-FEDERAL
15 SHARE.—

16 “(I) IN GENERAL.—The non-
17 Federal share required under clause
18 (i) may be in the form of cash con-
19 tributions or in-kind contributions, in-
20 cluding providing labor, equipment,
21 supplies, space, and other operational
22 needs.

23 “(II) CREDIT FOR CERTAIN
24 DEDICATED FUNDING.—There shall
25 be credited toward the non-Federal

1 share required under clause (i) any
2 dedicated funding of the communities
3 or local fire districts for a fuels reduc-
4 tion management program, defensible
5 space inspections, or dooryard chip-
6 ping.

7 “(III) DOCUMENTATION.—Com-
8 munities and local fire districts
9 shall—

10 “(aa) maintain a record of
11 in-kind contributions that de-
12 scribes—

13 “(AA) the monetary
14 value of the in-kind con-
15 tributions; and

16 “(BB) the manner in
17 which the in-kind contribu-
18 tions assist in accomplishing
19 program goals and objec-
20 tives; and

21 “(bb) document in all re-
22 quests for Federal funding, and
23 include in the total program
24 budget, evidence of the commit-
25 ment to provide the non-Federal

1 share through in-kind contribu-
2 tions.

3 “(2) INVASIVE SPECIES MANAGEMENT.—

4 “(A) IN GENERAL.—Of the amounts made
5 available under section 10(a), \$45,000,000 shall
6 be made available to the Director of the United
7 States Fish and Wildlife Service for the Aquatic
8 Invasive Species Program and the watercraft
9 inspections described in subparagraph (B).

10 “(B) DESCRIPTION OF ACTIVITIES.—The
11 Director of the United States Fish and Wildlife
12 Service, in coordination with the Assistant Sec-
13 retary, the Planning Agency, the California De-
14 partment of Fish and Wildlife, and the Nevada
15 Department of Wildlife, shall deploy strategies
16 consistent with the Lake Tahoe Aquatic
17 Invasive Species Management Plan to prevent
18 the introduction or spread of aquatic invasive
19 species in the Lake Tahoe region.

20 “(C) CRITERIA.—The strategies referred
21 to in subparagraph (B) shall provide that—

22 “(i) combined inspection and decon-
23 tamination stations be established and op-
24 erated at not less than 2 locations in the
25 Lake Tahoe region; and

1 “(ii) watercraft not be allowed to
2 launch in waters of the Lake Tahoe region
3 if the watercraft has not been inspected in
4 accordance with the Lake Tahoe Aquatic
5 Invasive Species Management Plan.

6 “(D) CERTIFICATION.—The Planning
7 Agency may certify State and local agencies to
8 perform the decontamination activities de-
9 scribed in subparagraph (C)(i) at locations out-
10 side the Lake Tahoe Basin if standards at the
11 sites meet or exceed standards for similar sites
12 in the Lake Tahoe Basin established under this
13 paragraph.

14 “(E) APPLICABILITY.—The strategies and
15 criteria developed under this paragraph shall
16 apply to all watercraft to be launched on water
17 within the Lake Tahoe region.

18 “(F) FEES.—The Director of the United
19 States Fish and Wildlife Service may collect
20 and spend fees for decontamination only at a
21 level sufficient to cover the costs of operation of
22 inspection and decontamination stations under
23 this paragraph.

24 “(G) CIVIL PENALTIES.—

1 “(i) IN GENERAL.—Any person that
2 launches, attempts to launch, or facilitates
3 launching of watercraft not in compliance
4 with strategies deployed under this para-
5 graph shall be liable for a civil penalty in
6 an amount not to exceed \$1,000 per viola-
7 tion.

8 “(ii) OTHER AUTHORITIES.—Any pen-
9 alties assessed under this subparagraph
10 shall be separate from penalties assessed
11 under any other authority.

12 “(H) LIMITATION.—The strategies and
13 criteria under subparagraphs (B) and (C), re-
14 spectively, may be modified if the Secretary of
15 the Interior, in a nondelegable capacity and in
16 consultation with the Planning Agency and
17 State governments, issues a determination that
18 alternative measures will be no less effective at
19 preventing introduction of aquatic invasive spe-
20 cies into Lake Tahoe than the strategies and
21 criteria developed under subparagraphs (B) and
22 (C), respectively.

23 “(I) SUPPLEMENTAL AUTHORITY.—The
24 authority under this paragraph is supplemental

1 to all actions taken by non-Federal regulatory
2 authorities.

3 “(J) SAVINGS CLAUSE.—Nothing in this
4 title restricts, affects, or amends any other law
5 or the authority of any department, instrumen-
6 tality, or agency of the United States, or any
7 State or political subdivision thereof, respecting
8 the control of invasive species.

9 “(3) STORMWATER MANAGEMENT, EROSION
10 CONTROL, AND TOTAL WATERSHED RESTORATION.—
11 Of the amounts made available under section 10(a),
12 \$113,000,000 shall be made available—

13 “(A) to the Secretary, the Secretary of the
14 Interior, the Assistant Secretary, or the Admin-
15 istrator for the Federal share of stormwater
16 management and related programs consistent
17 with the adopted Total Maximum Daily Load
18 and near-shore water quality goals;

19 “(B) for grants by the Secretary and the
20 Administrator to carry out the programs de-
21 scribed in subparagraph (A);

22 “(C) to the Secretary or the Assistant Sec-
23 retary for the Federal share of the Upper
24 Truckee River restoration programs and other
25 watershed restoration programs identified in

1 the Priority List established under section 5(b);
2 and

3 “(D) for grants by the Administrator to
4 carry out the programs described in subpara-
5 graph (C).

6 “(4) SPECIAL STATUS SPECIES MANAGE-
7 MENT.—Of the amounts made available under sec-
8 tion 10(a), \$20,000,000 shall be made available to
9 the Director of the United States Fish and Wildlife
10 Service for the Lahontan Cutthroat Trout Recovery
11 Program.”.

12 **SEC. 7625. PROGRAM PERFORMANCE AND ACCOUNT-**
13 **ABILITY.**

14 The Lake Tahoe Restoration Act (Public Law 106–
15 506; 114 Stat. 2351) is amended by striking section 6
16 and inserting the following:

17 **“SEC. 6. PROGRAM PERFORMANCE AND ACCOUNTABILITY.**

18 “(a) PROGRAM PERFORMANCE AND ACCOUNT-
19 ABILITY.—

20 “(1) IN GENERAL.—Of the amounts made
21 available under section 10(a), not less than
22 \$5,000,000 shall be made available to the Secretary
23 to carry out this section.

24 “(2) PLANNING AGENCY.—Of the amounts de-
25 scribed in paragraph (1), not less than 50 percent

1 shall be made available to the Planning Agency to
2 carry out the program oversight and coordination
3 activities established under subsection (d).

4 “(b) CONSULTATION.—In carrying out this Act, the
5 Secretary, the Administrator, and the Directors shall, as
6 appropriate and in a timely manner, consult with the
7 heads of the Washoe Tribe, applicable Federal, State, re-
8 gional, and local governmental agencies, and the Lake
9 Tahoe Federal Advisory Committee.

10 “(c) CORPS OF ENGINEERS; INTERAGENCY AGREE-
11 MENTS.—

12 “(1) IN GENERAL.—The Assistant Secretary
13 may enter into interagency agreements with non-
14 Federal interests in the Lake Tahoe Basin to use
15 Lake Tahoe Partnership-Miscellaneous General In-
16 vestigations funds to provide programmatic technical
17 assistance for the Environmental Improvement Pro-
18 gram.

19 “(2) LOCAL COOPERATION AGREEMENTS.—

20 “(A) IN GENERAL.—Before providing tech-
21 nical assistance under this section, the Assist-
22 ant Secretary shall enter into a local coopera-
23 tion agreement with a non-Federal interest to
24 provide for the technical assistance.

1 “(B) COMPONENTS.—The agreement en-
2 tered into under subparagraph (A) shall—

3 “(i) describe the nature of the tech-
4 nical assistance;

5 “(ii) describe any legal and institu-
6 tional structures necessary to ensure the
7 effective long-term viability of the end
8 products by the non-Federal interest; and

9 “(iii) include cost-sharing provisions
10 in accordance with subparagraph (C).

11 “(C) FEDERAL SHARE.—

12 “(i) IN GENERAL.—The Federal share
13 of program costs under each local coopera-
14 tion agreement under this paragraph shall
15 be 65 percent.

16 “(ii) FORM.—The Federal share may
17 be in the form of reimbursements of pro-
18 gram costs.

19 “(iii) CREDIT.—The non-Federal in-
20 terest may receive credit toward the non-
21 Federal share for the reasonable costs of
22 related technical activities completed by
23 the non-Federal interest before entering
24 into a local cooperation agreement with the
25 Assistant Secretary under this paragraph.

1 “(d) EFFECTIVENESS EVALUATION AND MONI-
2 TORING.—In carrying out this Act, the Secretary, the Ad-
3 ministrator, and the Directors, in coordination with the
4 Planning Agency and the States of California and Nevada,
5 shall—

6 “(1) develop and implement a plan for inte-
7 grated monitoring, assessment, and applied research
8 to evaluate the effectiveness of the Environmental
9 Improvement Program;

10 “(2) include funds in each program funded
11 under this section for monitoring and assessment of
12 results at the program level; and

13 “(3) use the integrated multiagency perform-
14 ance measures established under this section.

15 “(e) REPORTING REQUIREMENTS.—Not later than
16 March 15 of each year, the Secretary, in cooperation with
17 the Chair, the Administrator, the Directors, the Planning
18 Agency, and the States of California and Nevada, con-
19 sistent with subsection (a), shall submit to Congress a re-
20 port that describes—

21 “(1) the status of all Federal, State, local, and
22 private programs authorized under this Act, includ-
23 ing to the maximum extent practicable, for programs
24 that will receive Federal funds under this Act during
25 the current or subsequent fiscal year—

1 “(A) the program scope;

2 “(B) the budget for the program; and

3 “(C) the justification for the program, con-
4 sistent with the criteria established in section
5 5(b)(2);

6 “(2) Federal, State, local, and private expendi-
7 tures in the preceding fiscal year to implement the
8 Environmental Improvement Program;

9 “(3) accomplishments in the preceding fiscal
10 year in implementing this Act in accordance with the
11 performance measures and other monitoring and as-
12 sessment activities; and

13 “(4) public education and outreach efforts un-
14 dertaken to implement programs authorized under
15 this Act.

16 “(f) ANNUAL BUDGET PLAN.—As part of the annual
17 budget of the President, the President shall submit infor-
18 mation regarding each Federal agency involved in the En-
19 vironmental Improvement Program (including the Forest
20 Service, the Environmental Protection Agency, the United
21 States Fish and Wildlife Service, the United States Geo-
22 logical Survey, and the Corps of Engineers), including—

23 “(1) an interagency crosscut budget that dis-
24 plays the proposed budget for use by each Federal
25 agency in carrying out restoration activities relating

1 to the Environmental Improvement Program for the
2 following fiscal year;

3 “(2) a detailed accounting of all amounts re-
4 ceived and obligated by Federal agencies to achieve
5 the goals of the Environmental Improvement Pro-
6 gram during the preceding fiscal year; and

7 “(3) a description of the Federal role in the
8 Environmental Improvement Program, including the
9 specific role of each agency involved in the restora-
10 tion of the Lake Tahoe Basin.”.

11 **SEC. 7626. CONFORMING AMENDMENTS; UPDATES TO RE-**
12 **LATED LAWS.**

13 (a) LAKE TAHOE RESTORATION ACT.—The Lake
14 Tahoe Restoration Act (Public Law 106–506; 114 Stat.
15 2351) is amended—

16 (1) by striking sections 8 and 9;

17 (2) by redesignating sections 10, 11, and 12 as
18 sections 8, 9, and 10, respectively; and

19 (3) in section 9 (as redesignated by paragraph
20 (2)) by inserting “, Director, or Administrator”
21 after “Secretary”.

22 (b) TAHOE REGIONAL PLANNING COMPACT.—Sub-
23 section (c) of Article V of the Tahoe Regional Planning
24 Compact (Public Law 96–551; 94 Stat. 3240) is amended
25 in the third sentence by inserting “and, in so doing, shall

1 ensure that the regional plan reflects changing economic
2 conditions and the economic effect of regulation on com-
3 merce” after “maintain the regional plan”.

4 (c) TREATMENT UNDER TITLE 49, UNITED STATES
5 CODE.—Section 5303(r)(2)(C) of title 49, United States
6 Code, is amended—

7 (1) by inserting “and 25 square miles of land
8 area” after “145,000”; and

9 (2) by inserting “and 12 square miles of land
10 area” after “65,000”.

11 **SEC. 7627. AUTHORIZATION OF APPROPRIATIONS.**

12 The Lake Tahoe Restoration Act (Public Law 106–
13 506; 114 Stat. 2351) is amended by striking section 10
14 (as redesignated by section 7626(a)(2)) and inserting the
15 following:

16 **“SEC. 10. AUTHORIZATION OF APPROPRIATIONS.**

17 “(a) AUTHORIZATION OF APPROPRIATIONS.—There
18 is authorized to be appropriated to carry out this Act
19 \$415,000,000 for a period of 10 fiscal years beginning the
20 first fiscal year after the date of enactment of the Water
21 Resources Development Act of 2016.

22 “(b) EFFECT ON OTHER FUNDS.—Amounts author-
23 ized under this section and any amendments made by this
24 Act—

1 “(1) shall be in addition to any other amounts
2 made available to the Secretary, the Administrator,
3 or the Directors for expenditure in the Lake Tahoe
4 Basin; and

5 “(2) shall not reduce allocations for other Re-
6 gions of the Forest Service, the Environmental Pro-
7 tection Agency, or the United States Fish and Wild-
8 life Service.

9 “(c) COST-SHARING REQUIREMENT.—Except as pro-
10 vided in subsection (d) and section 5(d)(1)(D), funds for
11 activities carried out under section 5 shall be available for
12 obligation on a 1-to-1 basis with funding of restoration
13 activities in the Lake Tahoe Basin by the States of Cali-
14 fornia and Nevada.

15 “(d) RELOCATION COSTS.—Notwithstanding sub-
16 section (c), the Secretary shall provide to local utility dis-
17 tricts $\frac{2}{3}$ of the costs of relocating facilities in connection
18 with—

19 “(1) environmental restoration programs under
20 sections 5 and 6; and

21 “(2) erosion control programs under section 2
22 of Public Law 96–586 (94 Stat. 3381).

23 “(e) SIGNAGE.—To the maximum extent practicable,
24 a program provided assistance under this Act shall include
25 appropriate signage at the program site that—

1 “(1) provides information to the public on—
 2 “(A) the amount of Federal funds being
 3 provided to the program; and
 4 “(B) this Act; and
 5 “(2) displays the visual identity mark of the
 6 Environmental Improvement Program.”.

7 **SEC. 7628. LAND TRANSFERS TO IMPROVE MANAGEMENT**
 8 **EFFICIENCIES OF FEDERAL AND STATE**
 9 **LAND.**

10 Section 3(b) of Public Law 96–586 (94 Stat. 3384)
 11 (commonly known as the “Santini-Burton Act”) is amend-
 12 ed—

13 (1) by striking “(b) Lands” and inserting the
 14 following:

15 “(b) ADMINISTRATION OF ACQUIRED LAND.—

16 “(1) IN GENERAL.—Land”; and

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

18 “(2) CALIFORNIA CONVEYANCES.—

19 “(A) IN GENERAL.—If the State of Cali-
 20 fornia (acting through the California Tahoe
 21 Conservancy and the California Department of
 22 Parks and Recreation) offers to donate to the
 23 United States acceptable title to the non-Fed-
 24 eral land described in subparagraph (B)(i), the
 25 Secretary—

1 “(i) may accept the offer; and

2 “(ii) not later than 180 days after the
3 date on which the Secretary receives ac-
4 ceptable title to the non-Federal land de-
5 scribed in subparagraph (B)(i), convey to
6 the State of California, subject to valid ex-
7 isting rights and for no consideration, all
8 right, title, and interest of the United
9 States in and to the Federal land that is
10 acceptable to the State of California.

11 “(B) DESCRIPTION OF LAND.—

12 “(i) NON-FEDERAL LAND.—The non-
13 Federal land referred to in subparagraph
14 (A) includes—

15 “(I) the approximately 1,981
16 acres of land administered by the
17 California Tahoe Conservancy and
18 identified on the Maps as ‘Conser-
19 vancy to the United States Forest
20 Service’; and

21 “(II) the approximately 187
22 acres of land administered by Cali-
23 fornia State Parks and identified on
24 the Maps as ‘State Parks to the U.S.
25 Forest Service’.

1 “(ii) FEDERAL LAND.—The Federal
2 land referred to in subparagraph (A) in-
3 cludes the approximately 1,995 acres of
4 Forest Service land identified on the Maps
5 as ‘U.S. Forest Service to Conservancy
6 and State Parks’.

7 “(C) CONDITIONS.—Any land conveyed
8 under this paragraph shall—

9 “(i) be for the purpose of consoli-
10 dating Federal and State ownerships and
11 improving management efficiencies;

12 “(ii) not result in any significant
13 changes in the uses of the land; and

14 “(iii) be subject to the condition that
15 the applicable deed include such terms, re-
16 strictions, covenants, conditions, and res-
17 ervations as the Secretary determines nec-
18 essary—

19 “(I) to ensure compliance with
20 this Act; and

21 “(II) to ensure that the transfer
22 of development rights associated with
23 the conveyed parcels shall not be rec-
24 ognized or available for transfer under
25 chapter 51 of the Code of Ordinances

1 for the Tahoe Regional Planning
2 Agency.

3 “(3) NEVADA CONVEYANCES.—

4 “(A) IN GENERAL.—In accordance with
5 this section and on request by the Governor of
6 Nevada, the Secretary may transfer the land or
7 interests in land described in subparagraph (B)
8 to the State of Nevada without consideration,
9 subject to appropriate deed restrictions to pro-
10 tect the environmental quality and public rec-
11 reational use of the land transferred.

12 “(B) DESCRIPTION OF LAND.—The land
13 referred to in subparagraph (A) includes—

14 “(i) the approximately 38.68 acres of
15 Forest Service land identified on the map
16 entitled ‘State of Nevada Conveyances’ as
17 ‘Van Sickle Unit USFS Inholding’; and

18 “(ii) the approximately 92.28 acres of
19 Forest Service land identified on the map
20 entitled ‘State of Nevada Conveyances’ as
21 ‘Lake Tahoe Nevada State Park USFS
22 Inholding’.

23 “(C) CONDITIONS.—Any land conveyed
24 under this paragraph shall—

1 “(i) be for the purpose of consoli-
2 dating Federal and State ownerships and
3 improving management efficiencies;

4 “(ii) not result in any significant
5 changes in the uses of the land; and

6 “(iii) be subject to the condition that
7 the applicable deed include such terms, re-
8 strictions, covenants, conditions, and res-
9 ervations as the Secretary determines nec-
10 essary—

11 “(I) to ensure compliance with
12 this Act; and

13 “(II) to ensure that the develop-
14 ment rights associated with the con-
15 veyed parcels shall not be recognized
16 or available for transfer under section
17 90.2 of the Code of Ordinances for
18 the Tahoe Regional Planning Agency.

19 “(4) REVERSION.—If a parcel of land trans-
20 ferred under paragraph (2) or (3) is used in a man-
21 ner that is inconsistent with the use described for
22 the parcel of land in paragraph (2) or (3), respec-
23 tively, the parcel of land, shall, at the discretion of
24 the Secretary, revert to the United States.

25 “(5) FUNDING.—

1 “(A) IN GENERAL.—Of the amounts made
2 available under section 10(a) of the Lake Tahoe
3 Restoration Act (Public Law 106–506; 114
4 Stat. 2351), \$2,000,000 shall be made available
5 to the Secretary to carry out the activities
6 under paragraphs (2) and (3).

7 “(B) OTHER FUNDS.—Of the amounts
8 available to the Secretary under paragraph (1),
9 not less than 50 percent shall be provided to
10 the California Tahoe Conservancy to facilitate
11 the conveyance of land described in paragraphs
12 (2) and (3).”.

13 **PART III—LONG ISLAND SOUND RESTORATION**

14 **SEC. 7631. RESTORATION AND STEWARDSHIP PROGRAMS.**

15 (a) LONG ISLAND SOUND RESTORATION PRO-
16 GRAM.—Section 119 of the Federal Water Pollution Con-
17 trol Act (33 U.S.C. 1269) is amended—

18 (1) in subsection (b), by striking the subsection
19 designation and heading and all that follows through
20 “The Office shall” and inserting the following:

21 “(b) OFFICE.—

22 “(1) ESTABLISHMENT.—The Administrator
23 shall—

24 “(A) continue to carry out the conference
25 study; and

1 “(B) establish an office, to be located on
2 or near Long Island Sound.

3 “(2) ADMINISTRATION AND STAFFING.—The
4 Office shall”;

5 (2) in subsection (c)—

6 (A) in the matter preceding paragraph (1),
7 by striking “Management Conference of the
8 Long Island Sound Study” and inserting “con-
9 ference study”;

10 (B) in paragraph (2)—

11 (i) in each of subparagraphs (A)
12 through (G), by striking the commas at
13 the end of the subparagraphs and inserting
14 semicolons;

15 (ii) in subparagraph (H), by striking
16 “, and” and inserting a semicolon;

17 (iii) in subparagraph (I), by striking
18 the period at the end and inserting a semi-
19 colon; and

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

22 “(J) environmental impacts on the Long
23 Island Sound watershed, including—

24 “(i) the identification and assessment
25 of vulnerabilities in the watershed;

1 “(ii) the development and implementa-
2 tion of adaptation strategies to reduce
3 those vulnerabilities; and

4 “(iii) the identification and assess-
5 ment of the impacts of sea level rise on
6 water quality, habitat, and infrastructure;
7 and

8 “(K) planning initiatives for Long Island
9 Sound that identify the areas that are most
10 suitable for various types or classes of activities
11 in order to reduce conflicts among uses, reduce
12 adverse environmental impacts, facilitate com-
13 patible uses, or preserve critical ecosystem serv-
14 ices to meet economic, environmental, security,
15 or social objectives;”;

16 (C) by striking paragraph (4) and insert-
17 ing the following:

18 “(4) develop and implement strategies to in-
19 crease public education and awareness with respect
20 to the ecological health and water quality conditions
21 of Long Island Sound;”;

22 (D) in paragraph (5), by inserting “study”
23 after “conference”;

24 (E) in paragraph (6)—

1 (i) by inserting “(including on the
2 Internet)” after “the public”; and

3 (ii) by inserting “study” after “con-
4 ference”; and

5 (F) by striking paragraph (7) and insert-
6 ing the following:

7 “(7) monitor the progress made toward meeting
8 the identified goals, actions, and schedules of the
9 Comprehensive Conservation and Management Plan,
10 including through the implementation and support
11 of a monitoring system for the ecological health and
12 water quality conditions of Long Island Sound;
13 and”;

14 (3) in subsection (d)(3), in the second sentence,
15 by striking “50 per centum” and inserting “60 per-
16 cent”;

17 (4) by redesignating subsection (f) as sub-
18 section (i); and

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

21 “(f) REPORT.—

22 “(1) IN GENERAL.—Not later than 2 years
23 after the date of enactment of the Water Resources
24 Development Act of 2016, and biennially thereafter,
25 the Director of the Office, in consultation with the

1 Governor of each Long Island Sound State, shall
2 submit to Congress a report that—

3 “(A) summarizes and assesses the progress
4 made by the Office and the Long Island Sound
5 States in implementing the Long Island Sound
6 Comprehensive Conservation and Management
7 Plan, including an assessment of the progress
8 made toward meeting the performance goals
9 and milestones contained in the Plan;

10 “(B) assesses the key ecological attributes
11 that reflect the health of the ecosystem of the
12 Long Island Sound watershed;

13 “(C) describes any substantive modifica-
14 tions to the Long Island Sound Comprehensive
15 Conservation and Management Plan made dur-
16 ing the 2-year period preceding the date of sub-
17 mission of the report;

18 “(D) provides specific recommendations to
19 improve progress in restoring and protecting
20 the Long Island Sound watershed, including, as
21 appropriate, proposed modifications to the Long
22 Island Sound Comprehensive Conservation and
23 Management Plan;

24 “(E) identifies priority actions for imple-
25 mentation of the Long Island Sound Com-

1 prehensive Conservation and Management Plan
2 for the 2-year period following the date of sub-
3 mission of the report; and

4 “(F) describes the means by which Federal
5 funding and actions will be coordinated with the
6 actions of the Long Island Sound States and
7 other entities.

8 “(2) PUBLIC AVAILABILITY.—The Adminis-
9 trator shall make the report described in paragraph
10 (1) available to the public, including on the Internet.

11 “(g) ANNUAL BUDGET PLAN.—The President shall
12 submit, together with the annual budget of the United
13 States Government submitted under section 1105(a) of
14 title 31, United States Code, information regarding each
15 Federal department and agency involved in the protection
16 and restoration of the Long Island Sound watershed, in-
17 cluding—

18 “(1) an interagency crosscut budget that dis-
19 plays for each department and agency—

20 “(A) the amount obligated during the pre-
21 ceding fiscal year for protection and restoration
22 projects and studies relating to the watershed;

23 “(B) the estimated budget for the current
24 fiscal year for protection and restoration

1 projects and studies relating to the watershed;
2 and

3 “(C) the proposed budget for succeeding
4 fiscal years for protection and restoration
5 projects and studies relating to the watershed;
6 and

7 “(2) a summary of any proposed modifications
8 to the Long Island Sound Comprehensive Conserva-
9 tion and Management Plan for the following fiscal
10 year.

11 “(h) FEDERAL ENTITIES.—

12 “(1) COORDINATION.—The Administrator shall
13 coordinate the actions of all Federal departments
14 and agencies that impact water quality in the Long
15 Island Sound watershed in order to improve the
16 water quality and living resources of the watershed.

17 “(2) METHODS.—In carrying out this section,
18 the Administrator, acting through the Director of
19 the Office, may—

20 “(A) enter into interagency agreements;
21 and

22 “(B) make intergovernmental personnel
23 appointments.

24 “(3) FEDERAL PARTICIPATION IN WATERSHED
25 PLANNING.—A Federal department or agency that

1 owns or occupies real property, or carries out activi-
2 ties, within the Long Island Sound watershed shall
3 participate in regional and subwatershed planning,
4 protection, and restoration activities with respect to
5 the watershed.

6 “(4) CONSISTENCY WITH COMPREHENSIVE CON-
7 SERVATION AND MANAGEMENT PLAN.—To the max-
8 imum extent practicable, the head of each Federal
9 department and agency that owns or occupies real
10 property, or carries out activities, within the Long
11 Island Sound watershed shall ensure that the prop-
12 erty and all activities carried out by the department
13 or agency are consistent with the Long Island Sound
14 Comprehensive Conservation and Management Plan
15 (including any related subsequent agreements and
16 plans).”.

17 (b) LONG ISLAND SOUND STEWARDSHIP PRO-
18 GRAM.—

19 (1) LONG ISLAND SOUND STEWARDSHIP ADVI-
20 SORY COMMITTEE.—Section 8 of the Long Island
21 Sound Stewardship Act of 2006 (33 U.S.C. 1269
22 note; Public Law 109–359) is amended—

23 (A) in subsection (g), by striking “2011”
24 and inserting “2021”; and

25 (B) by adding at the end the following:

1 “(h) NONAPPLICABILITY OF FACA.—The Federal
2 Advisory Committee Act (5 U.S.C. App.) shall not apply
3 to—

4 “(1) the Advisory Committee; or

5 “(2) any board, committee, or other group es-
6 tablished under this Act.”.

7 (2) REPORTS.—Section 9(b)(1) of the Long Is-
8 land Sound Stewardship Act of 2006 (33 U.S.C.
9 1269 note; Public Law 109–359) is amended in the
10 matter preceding subparagraph (A) by striking
11 “2011” and inserting “2021”.

12 (3) AUTHORIZATION.—Section 11 of the Long
13 Island Sound Stewardship Act of 2006 (33 U.S.C.
14 1269 note; Public Law 109–359) is amended—

15 (A) by striking subsection (a);

16 (B) by redesignating subsections (b)
17 through (d) as subsections (a) through (c), re-
18 spectively; and

19 (C) in subsection (a) (as so redesignated),
20 by striking “under this section each” and in-
21 serting “to carry out this Act for a”.

22 (4) EFFECTIVE DATE.—The amendments made
23 by this subsection take effect on October 1, 2011.

1 **SEC. 7632. REAUTHORIZATION.**

2 (a) IN GENERAL.—There are authorized to be appro-
3 priated to the Administrator such sums as are necessary
4 for each of fiscal years 2017 through 2021 for the imple-
5 mentation of—

6 (1) section 119 of the Federal Water Pollution
7 Control Act (33 U.S.C. 1269), other than subsection
8 (d) of that section; and

9 (2) the Long Island Sound Stewardship Act of
10 2006 (33 U.S.C. 1269 note; Public Law 109–359).

11 (b) LONG ISLAND SOUND GRANTS.—There is author-
12 ized to be appropriated to the Administrator to carry out
13 section 119(d) of the Federal Water Pollution Control Act
14 (33 U.S.C. 1269(d)) \$40,000,000 for each of fiscal years
15 2017 through 2021.

16 (c) LONG ISLAND SOUND STEWARDSHIP GRANTS.—
17 There is authorized to be appropriated to the Adminis-
18 trator to carry out the Long Island Sound Stewardship
19 Act of 2006 (33 U.S.C. 1269 note; Public Law 109–359)
20 \$25,000,000 for each of fiscal years 2017 through 2021.

21 **Subtitle G—Offset**

22 **SEC. 7701. OFFSET.**

23 None of the funds available to the Secretary of En-
24 ergy to provide any credit subsidy under subsection (d)
25 of section 136 of the Energy Independence and Security
26 Act of 2007 (42 U.S.C. 17013) as of the date of enact-

1 ment of this Act shall be obligated for new loan commit-
2 ments under that subsection on or after October 1, 2020.

Calendar No. 523

114TH CONGRESS
2^D SESSION

S. 2848

[Report No. 114-283]

A BILL

To provide for the conservation and development of water and related resources, to authorize the Secretary of the Army to construct various projects for improvements to rivers and harbors of the United States, and for other purposes.

JUNE 20, 2016

Reported with amendments