

while CARA addresses the demand for drugs through prevention, education, treatment, and recovery, this legislation will help to cut the supply of drugs, help to cut off the flow of this poison into our communities. I think these two ideas go hand in hand. If you are one of the 92 Senators in this body, out of 100, who voted for CARA, I hope you will support this legislation too.

Our law enforcement and first responders are doing an amazing job. They are saving lives every single day, and they are to be commended, but they need some help. They deserve our best efforts to stop these dangerous drugs from entering into the country in the first place, and so do the hundreds of thousands of families in Ohio and around the country who have been affected by this epidemic of addiction. They deserve our help as well. They deserve a safer community. They deserve peace of mind. They deserve to know that we are doing all we can to try to keep these dangerous synthetic drugs out of our communities.

Just as I did with the CARA legislation, I urge my colleagues on both sides of the aisle to support this additional legislation. Frankly, 3½ years ago when we started putting together the CARA legislation, if this synthetic drug issue had been at the level it is today, I believe it would have been included in the CARA legislation. But we are now seeing this epidemic growing—heroin and prescription drugs, yes, but increasingly synthetic drugs, as we talked about this evening. It is time for us to be sure we are doing all we can to keep this poison out of our communities.

By Mr. REID:

S. 3293. A bill to require the Secretary of the Interior to transfer to the Shoshone-Paiute Tribes of the Duck Valley Reservation investment income held in certain funds; to the Committee on Indian Affairs.

Mr. REID. Mr. President, I ask unanimous consent that the text of the bill be printed in the RECORD.

There being no objection, the text of the bill was ordered to be printed in the RECORD, as follows:

S. 3293

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. TRANSFER OF INVESTMENT INCOME TO TRIBES.

Section 10807(e) of the Omnibus Public Land Management Act of 2009 (Public Law 111-11; 123 Stat. 1409) is amended—

(1) by striking “Upon completion” and inserting the following:

“(1) IN GENERAL.—On completion”; and

(2) by adding at the end the following:

“(2) TRANSFER OF INVESTMENT INCOME.—The Secretary shall transfer to the Tribes in accordance with subsections (f) and (g) any investment or interest income held in the Funds, including any investment or interest income prior to the completion of the actions described in section 10808(d), for the use of the Tribes in accordance with subsections (b)(2) and (c)(2).”.

By Mr. CORNYN:

S. 3295. A bill to authorize the Secretary of Homeland Security to work with cybersecurity consortia for training, and for other purposes; to the Committee on Homeland Security and Governmental Affairs.

Mr. CORNYN. Mr. President, I ask unanimous consent that the text of the bill be printed in the RECORD.

There being no objection, the text of the bill was ordered to be printed in the RECORD, as follows:

S. 3295

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the “National Cybersecurity Preparedness Consortium Act of 2016”.

SEC. 2. NATIONAL CYBERSECURITY PREPAREDNESS CONSORTIUM.

(a) IN GENERAL.—The Secretary of Homeland Security may work with a consortium, including the National Cybersecurity Preparedness Consortium, to support efforts to address cybersecurity risks and incidents (as such terms are defined in section 227 of the Homeland Security Act of 2002 (6 U.S.C. 148)), including threats of terrorism and acts of terrorism.

(b) ASSISTANCE TO THE NCCIC.—The Secretary of Homeland Security may work with a consortium to assist the national cybersecurity and communications integration center of the Department of Homeland Security (established pursuant to section 227 of the Homeland Security Act of 2002) to—

(1) provide training to State and local first responders and officials specifically for preparing for and responding to cybersecurity risks and incidents, including threats of terrorism and acts of terrorism, in accordance with current law;

(2) develop and update a curriculum utilizing existing programs and models in accordance with such section 227, for State and local first responders and officials, related to cybersecurity risks and incidents, including threats of terrorism and acts of terrorism;

(3) provide technical assistance services to build and sustain capabilities in support of preparedness for and response to cybersecurity risks and incidents, including threats of terrorism and acts of terrorism, in accordance with such section 227;

(4) conduct cross-sector cybersecurity training and simulation exercises for entities, including State and local governments, critical infrastructure owners and operators, and private industry, to encourage community-wide coordination in defending against and responding to cybersecurity risks and incidents, including threats of terrorism and acts of terrorism, in accordance with subsection (c) of section 228 of the Homeland Security Act of 2002 (6 U.S.C. 149);

(5) help States and communities develop cybersecurity information sharing programs, in accordance with section 227 of the Homeland Security Act of 2002, for the dissemination of homeland security information related to cybersecurity risks and incidents, including threats of terrorism and acts of terrorism; and

(6) help incorporate cybersecurity risk and incident prevention and response (including related to threats of terrorism and acts of terrorism) into existing State and local emergency plans, including continuity of operations plans.

(c) PROHIBITION ON DUPLICATION.—In carrying out the functions under subsection (b), the Secretary of Homeland Security shall, to the greatest extent practicable, seek to pre-

vent unnecessary duplication of existing programs or efforts of the Department of Homeland Security.

(d) CONSIDERATIONS REGARDING SELECTION OF A CONSORTIUM.—In selecting a consortium with which to work under this Act, the Secretary of Homeland Security shall take into consideration the following:

(1) Any prior experience conducting cybersecurity training and exercises for State and local entities.

(2) Geographic diversity of the members of any such consortium so as to cover different regions across the United States.

(e) METRICS.—If the Secretary of Homeland Security works with a consortium pursuant to subsection (a), the Secretary shall measure the effectiveness of the activities undertaken by such consortium under this Act.

(f) OUTREACH.—The Secretary of Homeland Security shall conduct outreach to universities and colleges, including historically Black colleges and universities, Hispanic-serving institutions, Tribal Colleges and Universities, and other minority-serving institutions, regarding opportunities to support efforts to address cybersecurity risks and incidents, including threats of terrorism and acts of terrorism, by working with the Secretary pursuant to subsection (a).

(g) TERMINATION.—The authority to carry out this Act shall terminate on the date that is 5 years after the date of the enactment of this Act.

(h) CONSORTIUM DEFINED.—In this Act, the term “consortium” means a group primarily composed of non-profit entities, including academic institutions, that develop, update, and deliver cybersecurity training in support of homeland security.

AMENDMENTS SUBMITTED AND PROPOSED

SA 4979. Mr. McCONNELL (for Mr. INHOFE (for himself and Mrs. BOXER)) proposed an amendment to the bill S. 2848, 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.

SA 4980. Mr. INHOFE proposed an amendment to amendment SA 4979 proposed by Mr. INHOFE to the bill S. 2848, supra.

SA 4981. Mr. HELLER (for himself and Mr. HEINRICH) submitted an amendment intended to be proposed by him to the bill S. 2848, supra; which was ordered to lie on the table.

SA 4982. Mr. BLUMENTHAL (for himself and Mr. MURPHY) submitted an amendment intended to be proposed by him to the bill S. 2848, supra; which was ordered to lie on the table.

SA 4983. Mr. BLUMENTHAL submitted an amendment intended to be proposed to amendment SA 4979 proposed by Mr. INHOFE to the bill S. 2848, supra; which was ordered to lie on the table.

SA 4984. Mr. BLUNT (for himself and Mrs. McCASKILL) submitted an amendment intended to be proposed to amendment SA 4979 proposed by Mr. INHOFE to the bill S. 2848, supra; which was ordered to lie on the table.

TEXT OF AMENDMENTS

SA 4979. Mr. McCONNELL (for Mr. INHOFE (for himself and Mrs. BOXER)) proposed an amendment to the bill S. 2848, 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; as follows:

Strike all after the enacting clause and insert the following:

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

(a) **SHORT TITLE.**—This Act may be cited as the “Water Resources Development Act of 2016”.

(b) **TABLE OF CONTENTS.**—The table of contents for 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. 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. Transfer of excess credit.
- Sec. 1033. Surplus water storage.
- Sec. 1034. Hurricane and storm damage reduction.
- Sec. 1035. Fish hatcheries.
- Sec. 1036. Feasibility studies and watershed assessments.
- Sec. 1037. Shore damage prevention or mitigation.
- Sec. 1038. Enhancing lake recreation opportunities.
- Sec. 1039. Cost estimates.
- Sec. 1040. Tribal partnership program.
- Sec. 1041. Cost sharing for territories and Indian tribes.
- Sec. 1042. Local government water management plans.
- Sec. 1043. Credit in lieu of reimbursement.
- Sec. 1044. Retroactive changes to cost-sharing agreements.
- Sec. 1045. Easements for electric, telephone, or broadband service facilities eligible for financing under the Rural Electrification Act of 1936.
- Sec. 1046. Study on the performance of innovative materials.

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.
- Sec. 3005. Expedited completion of authorized projects for flood damage reduction.
- Sec. 3006. Cumberland River Basin Dam repairs.
- Sec. 3007. Indian dam safety.

TITLE IV—RIVER BASINS, WATERSHEDS, AND COASTAL AREAS

- Sec. 4001. Gulf Coast oyster bed recovery plan.
- Sec. 4002. Columbia River, South Platte River, and Arkansas 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 resiliency.
- Sec. 4015. South Atlantic coastal study.
- Sec. 4016. Kanawha River Basin.
- Sec. 4017. Consideration of full array of measures for coastal risk reduction.
- Sec. 4018. Waterfront community revitalization and resiliency.

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.
- Sec. 6004. Expedited completion of reports.
- Sec. 6005. Extension of expedited consideration in Senate.

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.
- Sec. 7114. Small system technical assistance.
- Sec. 7115. Definition of Indian tribe.
- Sec. 7116. Technical assistance for tribal water systems.
- Sec. 7117. Requirement for the use of American materials.

Subtitle B—Clean Water

- Sec. 7201. Sewer overflow control grants.
- 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 State water pollution control revolving loan funds.
- Sec. 7309. Innovation in drinking water State revolving loan funds.

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.

PART IV—DELAWARE RIVER BASIN CONSERVATION

Sec. 7641. Findings.
 Sec. 7642. Definitions.
 Sec. 7643. Program establishment.
 Sec. 7644. Grants and assistance.
 Sec. 7645. Annual reports.
 Sec. 7646. Authorization of appropriations.
 Subtitle G—Offset

Sec. 7701. Offset.

TITLE VIII—MISCELLANEOUS PROVISIONS

Sec. 8001. Approval of State programs for control of coal combustion residuals.
 Sec. 8002. Choctaw Nation of Oklahoma and the Chickasaw Nation water settlement.

SEC. 2. DEFINITION OF SECRETARY.

In this Act, the term “Secretary” means the Secretary of the Army.

SEC. 3. LIMITATIONS.

Nothing in this Act—

(1) supersedes or modifies any written agreement between the Federal Government and a non-Federal interest that is in effect on the date of enactment of this Act;

(2) supersedes or authorizes any amendment to a multistate water control plan, including the Missouri River Master Water Control Manual (as in effect on the date of enactment of this Act);

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

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

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

TITLE I—PROGRAM REFORMS

SEC. 1001. STUDY OF WATER RESOURCES DEVELOPMENT PROJECTS BY NON-FEDERAL INTERESTS.

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

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

SEC. 1002. ADVANCED FUNDS FOR WATER RESOURCES DEVELOPMENT STUDIES AND PROJECTS.

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

(1) in the first sentence—

(A) by striking “Whenever any” and inserting the following:

“(a) IN GENERAL.—Whenever any”;

(B) by striking “a flood-control project duly adopted and authorized by law” and inserting “an authorized water resources development study or project.”; and

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

(2) in the second sentence—

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

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

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

(3) by adding at the end the following:

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

“(1) a State;

“(2) the District of Columbia;

“(3) the Commonwealth of Puerto Rico;

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

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

SEC. 1003. AUTHORITY TO ACCEPT AND USE MATERIALS AND SERVICES.

Section 1024 of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2325a) is amended—

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

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

“(1) there is a risk of adverse impacts to the functioning of the project for the authorized purposes of the project; and

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

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

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

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

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

(a) IN GENERAL.—Subject to subsection (c), the Secretary is authorized to partner with a non-Federal interest for the maintenance of a water resources project to ensure that the project will continue to function for the authorized purposes of the project.

(b) FORM OF PARTNERSHIP.—Under a partnership referred to in subsection (a), the Secretary is authorized to accept and use funds, materials, and services contributed by the non-Federal interest.

(c) NO CREDIT OR REIMBURSEMENT.—Any entity that contributes materials, services, or funds under this section shall not be eligible for credit, reimbursement, or repayment for the value of those materials, services, or funds.

SEC. 1005. NON-FEDERAL STUDY AND CONSTRUCTION OF PROJECTS.

(a) IN GENERAL.—The Secretary may accept and expend funds provided by non-Federal interests to undertake reviews, inspections, monitoring, and other Federal activities related to non-Federal interests carrying out the study, design, or construction of water resources development projects under section 203 or 204 of the Water Resources Development Act of 1986 (33 U.S.C. 2231, 2232) or any other Federal law.

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

SEC. 1006. MUNITIONS DISPOSAL.

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

(1) in subsection (a), in the matter preceding paragraph (1), by inserting “, at full Federal expense,” after “The Secretary may”; and

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

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

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

(1) by redesignating subsection (c) as subsection (d); and

(2) by inserting after subsection (b) the following:

“(c) USER FEES.—

“(1) COLLECTION OF FEES.—

“(A) IN GENERAL.—The Secretary may allow a non-Federal public or private entity that has entered into an agreement pursuant to subsection (b) to collect user fees for the use of developed recreation sites and facilities, whether developed or constructed by that entity or the Department of the Army.

“(B) USE OF VISITOR RESERVATION SERVICES.—A public or private entity described in subparagraph (A) may use to manage fee collections and reservations under this section any visitor reservation service that the Secretary has provided for by contract or interagency agreement, subject to such terms and conditions as the Secretary determines to be appropriate.

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

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

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

“(3) TERMS AND CONDITIONS.—The authority of a non-Federal public or private entity under this subsection shall be subject to such terms and conditions as the Secretary determines necessary to protect the interests of the United States.”

SEC. 1008. STRUCTURES AND FACILITIES CONSTRUCTED BY THE SECRETARY.

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

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

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

(2) by adding at the end the following:

“(b) CONCURRENT REVIEW.—

“(1) NEPA REVIEW.—

“(A) IN GENERAL.—In any case in which an activity subject to this section requires a review under the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.), review and approval under this section shall, to the maximum extent practicable, occur concurrently with any review and decisions made under that Act.

“(B) CORPS OF ENGINEERS AS A COOPERATING AGENCY.—If the Corps of Engineers is not the lead Federal agency for an environmental review described in subparagraph (A), the Chief of Engineers shall, to the maximum extent practicable—

“(i) participate in the review as a cooperating agency (unless the Chief of Engineers does not intend to submit comments on the project); and

“(ii) adopt and use any environmental document prepared under the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.) by the lead agency to the same extent that a Federal agency could adopt or use a document prepared by another Federal agency under—

“(I) the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.); and

“(II) parts 1500 through 1508 of title 40, Code of Federal Regulations (or successor regulations).

“(2) **REVIEWS BY SECRETARY.**—In any case in which the Secretary of the Army is required to approve an action under this section and under another authority, including sections 9 and 10 of this Act, section 404 of the Federal Water Pollution Control Act (33 U.S.C. 1344), and section 103 of the Marine Protection, Research, and Sanctuaries Act of 1972 (33 U.S.C. 1413), the Secretary shall—

“(A) coordinate the reviews and, to the maximum extent practicable, carry out the reviews concurrently; and

“(B) adopt and use any document prepared by the Corps of Engineers for the purpose of complying with the same law and that addresses the same types of impacts in the same geographic area if the document, as determined by the Secretary, is current and applicable.

“(3) **CONTRIBUTED FUNDS.**—The Secretary of the Army may accept and expend funds received from non-Federal public or private entities to evaluate under this section an alteration or permanent occupation or use of a work built by the United States.”

SEC. 1009. PROJECT COMPLETION.

For any project authorized under section 219 of the Water Resources Development Act of 1992 (Public Law 102-580; 106 Stat. 4835), the authorization of appropriations is increased by the amount, including in increments, necessary to allow completion of the project if—

(1) as of the date of enactment of this Act, the project has received more than \$4,000,000 in Federal appropriations and those appropriations equal an amount that is greater than 80 percent of the authorized amount;

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

(3) the benefits of the Federal investment will not be realized without an increase in the authorization of appropriations to allow completion of the project.

SEC. 1010. CONTRIBUTED FUNDS.

(a) **CONTRIBUTED FUNDS.**—Section 5 of the Act of June 22, 1936 (33 U.S.C. 701h) (commonly known as the “Flood Control Act of 1936”), is amended—

(1) by striking “funds appropriated by the United States for”; and

(2) in the first proviso, by inserting after “authorized purposes of the project:” the following: “*Provided further*, That the Secretary may receive and expend funds from a State or a political subdivision of a State and other non-Federal interests to formulate, review, or revise operational documents for any reservoir owned and operated by the Secretary (other than reservoirs in the Upper Missouri River, the Apalachicola-Chattahoochee-Flint River system, the Alabama-Coosa-Tallapoosa River system, and the Stones River);”

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

“(b) **REPORT.**—Not later than February 1 of each year, the Secretary shall submit to the Committees on Environment and Public Works and Appropriations of the Senate and the Committees on Transportation and Infrastructure and Appropriations of the House of Representatives a report that—

“(1) describes the number of agreements executed in the previous fiscal year for the acceptance of contributed funds under sec-

tion 5 of the Act of June 22, 1936 (33 U.S.C. 701h) (commonly known as the ‘Flood Control Act of 1936’); and

“(2) includes information on the projects and amounts of contributed funds referred to in paragraph (1).”

SEC. 1011. APPLICATION OF CERTAIN BENEFITS AND COSTS INCLUDED IN FINAL FEASIBILITY STUDIES.

(a) **IN GENERAL.**—For a navigation project authorized after November 7, 2007, involving offshore oil and gas fabrication ports, the recommended plan by the Chief of Engineers shall be the plan that uses the value of future energy exploration and production fabrication contracts and the transportation savings that would result from a larger navigation channel in accordance with section 6009 of the Emergency Supplemental Appropriations Act for Defense, the Global War on Terror, and Tsunami Relief, 2005 (Public Law 109-13; 119 Stat. 282).

(b) **SPECIAL RULE.**—In addition to projects described in subsection (a), this section shall apply to—

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

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

SEC. 1012. LEVERAGING FEDERAL INFRASTRUCTURE FOR INCREASED WATER SUPPLY.

(a) **IN GENERAL.**—At the request of a non-Federal interest, the Secretary may review proposals to increase the quantity of available supplies of water at Federal water resources projects through—

(1) modification of a water resources project;

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

(3) accessing water released from a project.

(b) **PROPOSALS INCLUDED.**—A proposal under subsection (a) may include—

(1) increasing the storage capacity of the project;

(2) diversion of water released or withdrawn from the project—

(A) to recharge groundwater;

(B) to aquifer storage and recovery; or

(C) to any other storage facility;

(3) construction of facilities for delivery of water from pumping stations constructed by the Secretary;

(4) construction of facilities to access water; and

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

(c) **EXCLUSIONS.**—This section shall not apply to a proposal that—

(1) reallocates existing water supply or hydropower storage; or

(2) reduces water available for any authorized project purpose.

(d) **OTHER FEDERAL PROJECTS.**—In any case in which a proposal relates to a Federal project that is not owned by the Secretary, this section shall apply only to activities under the authority of the Secretary.

(e) **REVIEW PROCESS.**—

(1) **NOTICE.**—On receipt of a proposal submitted under subsection (a), the Secretary shall provide a copy of the proposal to each entity described in paragraph (2) and if applicable, the Federal agency that owns the project, in the case of a project owned by an agency other than the Department of the Army.

(2) **PUBLIC PARTICIPATION.**—In reviewing proposals submitted under subsection (a), and prior to making any decisions regarding a proposal, the Secretary shall comply with all applicable public participation require-

ments under law, including consultation with—

(A) affected States;

(B) Power Marketing Administrations, in the case of reservoirs with Federal hydropower projects;

(C) entities responsible for operation and maintenance costs;

(D) any entity that has a contractual right from the Federal Government or a State to withdraw water from, or use storage at, the project;

(E) entities that the State determines hold rights under State law to the use of water from the project; and

(F) units of local government with flood risk reduction responsibilities downstream of the project.

(f) **AUTHORITIES.**—A proposal submitted to the Secretary under subsection (a) may be reviewed and approved, if applicable and appropriate, under—

(1) the specific authorization for the water resources project;

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

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

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

(g) **LIMITATIONS.**—The Secretary shall not approve a proposal submitted under subsection (a) that—

(1) is not supported by the Federal agency that owns the project if the owner is not the Secretary;

(2) interferes with an authorized purpose of the project;

(3) adversely impacts contractual rights to water or storage at the reservoir;

(4) adversely impacts legal rights to water under State law, as determined by an affected State;

(5) increases costs for any entity other than the entity that submitted the proposal; or

(6) if a project is subject to section 301(e) of the Water Supply Act of 1958 (43 U.S.C. 390b(e)), makes modifications to the project that do not meet the requirements of that section unless the modification is submitted to and authorized by Congress.

(h) **COST SHARE.**—

(1) **IN GENERAL.**—Except as provided in paragraph (2), 100 percent of the cost of developing, reviewing, and implementing a proposal submitted under subsection (a) shall be provided by an entity other than the Federal Government.

(2) **PLANNING ASSISTANCE TO STATES.**—In the case of a proposal from an entity authorized to receive assistance under section 22 of the Water Resources Development Act of 1974 (42 U.S.C. 1962d-16), the Secretary may use funds available under that section to pay 50 percent of the cost of a review of a proposal submitted under subsection (a).

(3) **OPERATION AND MAINTENANCE COSTS.**—

(A) **IN GENERAL.**—Except as provided in subparagraphs (B) and (C), the operation and maintenance costs for the non-Federal sponsor of a proposal submitted under subsection (a) shall be 100 percent of the separable operation and maintenance costs associated with the costs of implementing the proposal.

(B) **CERTAIN WATER SUPPLY STORAGE PROJECTS.**—For a proposal submitted under subsection (a) for constructing additional water supply storage at a reservoir for use under a water supply storage agreement, in addition to the costs under subparagraph (A), the non-Federal costs shall include the proportional share of any joint-use costs for operation, maintenance, repair, replacement, or rehabilitation of the reservoir project determined in accordance with section 301 of the Water Supply Act of 1958 (43 U.S.C. 390b).

(C) VOLUNTARY CONTRIBUTIONS.—An entity other than an entity described in subparagraph (A) may voluntarily contribute to the costs of implementing a proposal submitted under subsection (a).

(i) CONTRIBUTED FUNDS.—The Secretary may receive and expend funds contributed by a non-Federal interest for the review and approval of a proposal submitted under subsection (a).

(j) ASSISTANCE.—On request by a non-Federal interest, the Secretary may provide technical assistance in the development or implementation of a proposal under subsection (a), including assistance in obtaining necessary permits for construction, if the non-Federal interest contracts with the Secretary to pay all costs of providing the technical assistance.

(k) EXCLUSION.—This section shall not apply to reservoirs in—

- (1) the Upper Missouri River;
- (2) the Apalachicola-Chattahoochee-Flint river system;
- (3) the Alabama-Coosa-Tallapoosa river system; and
- (4) the Stones River.

SEC. 1013. NEW ENGLAND DISTRICT HEADQUARTERS.

(a) IN GENERAL.—Subject to subsection (b), using amounts available in the revolving fund established by section 101 of the Civil Functions Appropriations Act, 1954 (33 U.S.C. 576) and not otherwise obligated, the Secretary may—

(1) design, renovate, and construct additions to 2 buildings located on Hanscom Air Force Base in Bedford, Massachusetts for the headquarters of the New England District of the Army Corps of Engineers; and

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

(b) REQUIREMENT.—In carrying out subsection (a), the Secretary shall ensure that the revolving fund established by section 101 of the Civil Functions Appropriations Act, 1954 (33 U.S.C. 576) is appropriately reimbursed from funds appropriated for programs that receive a benefit under this section.

SEC. 1014. BUFFALO DISTRICT HEADQUARTERS.

(a) IN GENERAL.—Subject to subsection (b), using amounts available in the revolving fund established by section 101 of the Civil Functions Appropriations Act, 1954 (33 U.S.C. 576) and not otherwise obligated, the Secretary may—

(1) design and construct a new building in Buffalo, New York, for the headquarters of the Buffalo District of the Army Corps of Engineers; and

(2) carry out such construction and infrastructure improvements as are required to support the headquarters and related installations and facilities of the Buffalo District of the Army Corps of Engineers, including any necessary demolition or renovation of the existing infrastructure.

(b) REQUIREMENT.—In carrying out subsection (a), the Secretary shall ensure that the revolving fund established by section 101 of the Civil Functions Appropriations Act, 1954 (33 U.S.C. 576) is appropriately reimbursed from funds appropriated for programs that receive a benefit under this section.

SEC. 1015. COMPLETION OF ECOSYSTEM RESTORATION PROJECTS.

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

“(d) INCLUSIONS.—A monitoring plan under subsection (b) shall include a description of—

“(1) the types and number of restoration activities to be conducted;

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

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

“(4) a contingency plan for taking corrective actions in cases in which monitoring demonstrates that restoration measures are not achieving ecological success in accordance with criteria described in the monitoring plan.

“(e) CONCLUSION OF OPERATION AND MAINTENANCE RESPONSIBILITY.—The responsibility of the non-Federal sponsor for operation, maintenance, repair, replacement, and rehabilitation of the ecosystem restoration project shall cease 10 years after the date on which the Secretary makes a determination of success under subsection (b)(2).”

SEC. 1016. CREDIT FOR DONATED GOODS.

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

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

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

SEC. 1017. STRUCTURAL HEALTH MONITORING.

(a) IN GENERAL.—The Secretary shall design and develop a structural health monitoring program to assess and improve the condition of infrastructure constructed and maintained by the Corps of Engineers, including research, design, and development of systems and frameworks for—

(1) response to flood and earthquake events;

(2) pre-disaster mitigation measures;

(3) lengthening the useful life of the infrastructure; and

(4) identifying risks due to sea level rise.

(b) CONSULTATION AND CONSIDERATION.—In developing the program under subsection (a), the Secretary shall—

(1) consult with academic and other experts; and

(2) consider models for maintenance and repair information, the development of degradation models for real-time measurements and environmental inputs, and research on qualitative inspection data as surrogate sensors.

SEC. 1018. FISH AND WILDLIFE MITIGATION.

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

(1) in subsection (h)—

(A) in paragraph (4)—

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

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

“(D) include measures to protect or restore habitat connectivity”;

(B) in paragraph (6)(C), by striking “impacts” and inserting “impacts, including impacts to habitat connectivity”; and

(C) by striking paragraph (11) and inserting the following:

“(11) EFFECT.—Nothing in this subsection—

“(A) requires the Secretary to undertake additional mitigation for existing projects for which mitigation has already been initiated, including the addition of fish passage to an existing water resources development project; or

“(B) affects the mitigation responsibilities of the Secretary under any other provision of law.”; and

(2) by adding at the end the following:

“(j) USE OF FUNDS.—The Secretary may use funds made available for preconstruction engineering and design prior to authorization of project construction to satisfy mitigation requirements through third-party ar-

rangements or to acquire interests in land necessary for meeting mitigation requirements under this section.

“(k) MEASURES.—The Secretary shall consult with interested members of the public, the Director of the United States Fish and Wildlife Service, the Assistant Administrator for Fisheries of the National Oceanic and Atmospheric Administration, States, including State fish and game departments, and interested local governments to identify standard measures under subsection (h)(6)(C) that reflect the best available scientific information for evaluating habitat connectivity.”

SEC. 1019. NON-FEDERAL INTERESTS.

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

SEC. 1020. DISCRETE SEGMENT.

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

(1) by striking “project or separable element” each place it appears and inserting “project, separable element, or discrete segment”;

(2) by striking “project, or separable element thereof,” each place it appears and inserting “project, separable element, or discrete segment of a project”;

(3) in subsection (a)—

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

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

“(a) DEFINITIONS.—In this section:

“(1) DISCRETE SEGMENT.—The term ‘discrete segment’, with respect to a project, means a physical portion of the project, as described in design documents, that is environmentally acceptable, is complete, will not create a hazard, and functions independently so that the non-Federal sponsor can operate and maintain the discrete segment in advance of completion of the total project or separable element of the project.

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

(4) in subsection (b)(1), in the matter preceding subparagraph (A), by striking “project, or separate element thereof” and inserting “project, separable element, or discrete segment of a project”; and

(5) in subsection (d)—

(A) in paragraph (3)(B), in the matter preceding clause (i), by striking “project” and inserting “project, separable element, or discrete segment”;

(B) in paragraph (4), in the matter preceding subparagraph (A), by striking “project, or a separable element of a water resources development project,” and inserting “project, separable element, or discrete segment of a project”; and

(C) by adding at the end the following:

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

SEC. 1021. FUNDING TO PROCESS PERMITS.

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

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

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

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

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

(4) in paragraph (5), by striking “and natural gas companies” and inserting “, natural gas companies, and rail carriers, including an evaluation of the compliance with all requirements of this section and, with respect to a permit for those entities, the requirements of all applicable Federal laws”.

SEC. 1022. INTERNATIONAL OUTREACH PROGRAM.

Section 401 of the Water Resources Development Act of 1992 (33 U.S.C. 2329) is amended by striking subsection (a) and inserting the following:

“(a) AUTHORIZATION.—

“(1) IN GENERAL.—The Secretary may engage in activities to inform the United States of technological innovations abroad that could significantly improve water resources development in the United States.

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

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

“(B) research, development, training, and other forms of technology transfer and exchange; and

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

SEC. 1023. WETLANDS MITIGATION.

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

“(4) MITIGATION BANKS.—

“(A) IN GENERAL.—Not later than 180 days after the date of enactment of this paragraph, the Secretary shall issue implementation guidance that provides for the consideration of the entire amount of potential credits available at in-kind, in-basin mitigation banks and in-lieu fee programs for water resource development project feasibility studies.

“(B) REQUIREMENTS.—All potential mitigation bank and in-lieu fee credits shall be considered a reasonable alternative for planning purposes if the applicable mitigation bank—

“(i) has an approved mitigation banking instrument; and

“(ii) has completed a functional analysis of the potential credits using the approved Corps of Engineers certified habitat assessment model specific to the region.”.

SEC. 1024. USE OF YOUTH SERVICE AND CONSERVATION CORPS.

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

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

SEC. 1025. DEBRIS REMOVAL.

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

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

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

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

SEC. 1026. AQUACULTURE STUDY.

(a) IN GENERAL.—The Comptroller General shall carry out an assessment of the shellfish aquaculture industry, including—

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

(2) the number of shellfish aquaculture leases, verifications, or permits in place in each relevant district of the Corps of Engineers;

(3) the period of time required to secure a shellfish aquaculture lease, verification, or permit from each relevant jurisdiction; and

(4) the experience of the private sector in applying for shellfish aquaculture permits from different jurisdictions of the Corps of Engineers and different States.

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

(1) The Chesapeake Bay.

(2) The Gulf Coast States.

(3) The State of California.

(4) The State of Washington.

(c) FINDINGS.—Not later than 225 days after the date of enactment of this Act, the Comptroller General shall submit to the Committees on Environment and Public Works and on Energy and Natural Resources of the Senate and the Committees on Transportation and Infrastructure and on Natural Resources of the House of Representatives a report containing the findings of the assessment conducted under subsection (a).

SEC. 1027. LEVEE VEGETATION.

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

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

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

(b) REPORT.—Not later than 30 days after the enactment of this Act, the Secretary shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report that—

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

(2) provides a plan for completion of the activities required in that subsection (f).

SEC. 1028. PLANNING ASSISTANCE TO STATES.

Section 22(a)(1) of the Water Resources Development Act of 1974 (42 U.S.C. 1962d-16(a)(1)) is amended—

(1) by inserting “, a group of States, or a regional or national consortia of States” after “working with a State”; and

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

SEC. 1029. PRIORITIZATION.

Section 1011 of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2341a) is amended—

(1) in subsection (a)—

(A) in paragraph (1)(C), by inserting “restore or” before “prevent the loss”; and

(B) in paragraph (2)—

(i) in the matter preceding subparagraph (A), by striking “the date of enactment of this Act” and inserting “the date of enactment of the Water Resources Development Act of 2016”; and

(ii) in subparagraph (A)(ii), by striking “that—” and all that follows through “(II)” and inserting “that”; and

(2) in subsection (b)—

(A) in paragraph (1), by redesignating subparagraphs (A) through (C) as clauses (i) through (iii), respectively, and indenting appropriately;

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

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

“(1) IN GENERAL.—For”; and

(D) by adding at the end the following:

“(2) EXPEDITED CONSIDERATION OF CURRENTLY AUTHORIZED PROGRAMMATIC AUTHORITIES.—Not later than 180 days after the date of enactment of the Water Resources Development Act of 2016, the Secretary shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report that contains—

“(A) a list of all programmatic authorities for aquatic ecosystem restoration or improvement of the environment that—

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

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

“(B) a plan for expeditiously completing the projects under the authorities described in subparagraph (A), subject to available funding.”.

SEC. 1030. KENNEWICK MAN.

(a) DEFINITIONS.—In this section:

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

(2) DEPARTMENT.—The term “Department” means the Washington State Department of Archaeology and Historic Preservation.

(3) HUMAN REMAINS.—The term “human remains” means the human remains that—

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

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

(b) TRANSFER.—Notwithstanding any other provision of Federal law, including the Native American Graves Protection and Repatriation Act (25 U.S.C. 3001 et seq.), or law of the State of Washington, not later than 90 days after the date of enactment of this Act, the Secretary, acting through the Chief of Engineers, shall transfer the human remains to the Department, on the condition that the Department, acting through the State Historic Preservation Officer, disposes of the remains and repatriates the remains to claimant tribes.

(c) COST.—The Corps of Engineers shall be responsible for any costs associated with the transfer.

(d) LIMITATIONS.—

(1) IN GENERAL.—The transfer shall be limited solely to the human remains portion of the archaeological collection.

(2) SECRETARY.—The Secretary shall have no further responsibility for the human remains transferred pursuant to subsection (b) after the date of the transfer.

SEC. 1031. REVIEW OF CORPS OF ENGINEERS ASSETS.

Section 6002(b) of the Water Resources Reform and Development Act of 2014 (Public

Law 113-121; 128 Stat. 1349) is amended by adding at the end the following:

“(6) The extent to which the property has economic, cultural, historic, or recreational significance or impacts at the national, State, or local level.”

SEC. 1032. TRANSFER OF EXCESS CREDIT.

Section 1020 of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2223) is amended—

(1) in subsection (a)—

(A) by striking the subsection designation and heading and all that follows through “Subject to subsection (b)” and inserting the following:

“(a) APPLICATION OF CREDIT.—

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

(B) by adding at the end the following:

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

(2) by striking subsection (d); and

(3) by redesignating subsection (e) as subsection (d).

SEC. 1033. SURPLUS WATER STORAGE.

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

“(5) TIME LIMIT.—

“(A) IN GENERAL.—If the Secretary has documented the volume of surplus water available, not later than 60 days after the date on which the Secretary receives a request for a contract and easement, the Secretary shall issue a decision on the request.

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

“(i) an identification of any outstanding information that is needed to make a final decision;

“(ii) the date by which the information referred to in clause (i) shall be obtained; and

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

SEC. 1034. HURRICANE AND STORM DAMAGE REDUCTION.

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

SEC. 1035. FISH HATCHERIES.

(a) IN GENERAL.—Notwithstanding any other provision of law, the Secretary may operate a fish hatchery for the purpose of restoring a population of fish species located in the region surrounding the fish hatchery that is listed as a threatened species or an endangered species under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.) or a similar State law.

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

SEC. 1036. FEASIBILITY STUDIES AND WATERSHED ASSESSMENTS.

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

“(3) REPORT.—Not later than February 1 of each year, the Secretary shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report that identifies any feasibility study for which the Secretary in the preceding fiscal year approved an increase in cost or extension in time as provided under this section, including an identification of the specific 1 or more factors used in making the determination that the project is complex.”

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

(1) by striking the subparagraph designation and heading and all that follows through “The Secretary” and inserting the following:

“(A) REQUIREMENT.—

“(i) IN GENERAL.—Except as provided in clause (ii), the Secretary”; and

(2) by adding at the end the following:

“(ii) EXCEPTION.—For the purpose of meeting or otherwise communicating with prospective non-Federal sponsors to identify the scope of a potential water resources project feasibility study, identifying the Federal interest, developing the cost sharing agreement, and developing the project management plan, the first \$100,000 of the feasibility study shall be a Federal expense.”

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

SEC. 1037. SHORE DAMAGE PREVENTION OR MITIGATION.

Section 111 of the River and Harbor Act of 1968 (33 U.S.C. 4261) is amended—

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

(2) by adding at the end the following:

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

SEC. 1038. ENHANCING LAKE RECREATION OPPORTUNITIES.

Section 3134 of the Water Resources Development Act of 2007 (Public Law 110-114; 121 Stat. 1142) is amended by striking subsection (e).

SEC. 1039. COST ESTIMATES.

Section 2008 of the Water Resources Development Act of 2007 (33 U.S.C. 2340) is amended by striking subsection (c).

SEC. 1040. TRIBAL PARTNERSHIP PROGRAM.

Section 203 of the Water Resources Development Act of 2000 (33 U.S.C. 2269) is amended—

(1) in subsection (b)—

(A) in paragraph (1), in the matter preceding subparagraph (A), by striking “the Secretary” and all that follows through “projects” and inserting “the Secretary may carry out water-related planning activities, or activities relating to the study, design, and construction of water resources development projects or projects for the preservation of cultural and natural resources.”;

(B) in paragraph (2), in the matter preceding subparagraph (A), by striking “(2) MATTERS TO BE STUDIED.—A study” and inserting the following:

“(2) AUTHORIZED ACTIVITIES.—Any activity”; and

(C) by adding at the end the following:

“(3) FEASIBILITY STUDY AND REPORTS.—

“(A) IN GENERAL.—On the request of an Indian tribe, the Secretary shall conduct a study, and provide to the Indian tribe a report describing the feasibility of a water resources development project or project for the preservation of cultural and natural resources described in paragraph (1).

“(B) RECOMMENDATION.—A report under subparagraph (A) may, but shall not be required to, contain a recommendation on a specific water resources development project.

“(C) FUNDING.—The first \$100,000 of a study under this paragraph shall be at full Federal expense.

“(4) DESIGN AND CONSTRUCTION.—

“(A) IN GENERAL.—The Secretary may carry out the design and construction of a water resources development project or project for the preservation of cultural and natural resources described in paragraph (1) that the Secretary determines is feasible if the Federal share of the cost of the project is not more than \$10,000,000.

“(B) SPECIFIC AUTHORIZATION.—If the Federal share of the cost of a project described in subparagraph (A) is more than \$10,000,000, the Secretary may only carry out the project if Congress enacts a law authorizing the Secretary to carry out the project.”;

(2) in subsection (c)—

(A) in paragraph (1), by striking “studies” and inserting “any activity”; and

(B) in paragraph (2)(B), by striking “carrying out projects studied” and inserting “any activity conducted”;

(3) in subsection (d)—

(A) in paragraph (1)(A), by striking “a study” and inserting “any activity conducted”; and

(B) by striking paragraph (2) and inserting the following:

“(2) CREDIT.—The Secretary may credit toward the non-Federal share of the costs of any activity conducted under subsection (b) the cost of services, studies, supplies, or other in-kind contributions provided by the non-Federal interest.

“(3) SOVEREIGN IMMUNITY.—The Secretary shall not require an Indian tribe to waive the sovereign immunity of the Indian tribe as a condition to entering into a cost-sharing agreement under this subsection.

“(4) WATER RESOURCES DEVELOPMENT PROJECTS.—

“(A) IN GENERAL.—The non-Federal share of costs for the study of a water resources development project described in subsection (b)(1) shall be 50 percent.

“(B) OTHER COSTS.—The non-Federal share of costs of design and construction of a project described in subparagraph (A) shall be assigned to the appropriate project purposes described in sections 101 and 103 of the Water Resources Development Act of 1986 (33 U.S.C. 2211, 2213) and shared in the same percentages as the purposes to which the costs are assigned.

“(5) PROJECTS FOR THE PRESERVATION OF CULTURAL AND NATURAL RESOURCES.—

“(A) IN GENERAL.—The non-Federal share of costs for the study of a project for the preservation of cultural and natural resources described in subsection (b)(1) shall be 50 percent.

“(B) OTHER COSTS.—The non-Federal share of costs of design and construction of a project described in subparagraph (A) shall be 65 percent.

“(6) WATER-RELATED PLANNING ACTIVITIES.—

“(A) IN GENERAL.—The non-Federal share of costs of a watershed and river basin assessment shall be 25 percent.

“(B) OTHER COSTS.—The non-Federal share of costs of other water-related planning activities described in subsection (b)(1) shall be 65 percent.”; and

(4) by striking subsection (e).

SEC. 1041. COST SHARING FOR TERRITORIES AND INDIAN TRIBES.

Section 1156 of the Water Resources Development Act of 1986 (33 U.S.C. 2310) is amended—

(1) in the section heading, by striking “TERRITORIES” and inserting “TERRITORIES AND INDIAN TRIBES”; and

(2) by striking subsection (a) and inserting the following:

“(a) IN GENERAL.—The Secretary shall waive local cost-sharing requirements up to \$200,000 for all studies, projects, and assistance under section 22(a) of the Water Resources Development Act of 1974 (42 U.S.C. 1962d-16(a))—

“(1) in American Samoa, Guam, the Northern Mariana Islands, the Virgin Islands, Puerto Rico, and the Trust Territory of the Pacific Islands; and

“(2) for any Indian tribe (as defined in section 102 of the Federally Recognized Indian Tribe List Act of 1994 (25 U.S.C. 479a)).”.

SEC. 1042. LOCAL GOVERNMENT WATER MANAGEMENT PLANS.

The Secretary, with the consent of the non-Federal sponsor of a feasibility study for a water resources development project, may enter into a feasibility study cost-sharing agreement under section 221(a) of the Flood Control Act of 1970 (42 U.S.C. 1962d-5b(a)), to allow a unit of local government in a watershed that has adopted a local or regional water management plan to participate in the feasibility study to determine if there is an opportunity to include additional feasible elements in the project being studied to help achieve the purposes identified in the local or regional water management plan.

SEC. 1043. CREDIT IN LIEU OF REIMBURSEMENT.

Section 1022 of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2225) is amended—

(1) in subsection (a), by striking “that has been constructed by a non-Federal interest under section 211 of the Water Resources Development Act of 1996 (33 U.S.C. 701b-13) before the date of enactment of this Act” and inserting “for which a written agreement with the Corps of Engineers for construction was finalized on or before December 31, 2014, under section 211 of the Water Resources Development Act of 1996 (33 U.S.C. 701b-13) (as it existed before the repeal made by section 1014(c)(3))”; and

(2) in subsection (b), by striking “share of the cost of the non-Federal interest of carrying out other flood damage reduction projects or studies” and inserting “non-Federal share of the cost of carrying out other water resources development projects or studies of the non-Federal interest”.

SEC. 1044. RETROACTIVE CHANGES TO COST-SHARING AGREEMENTS.

Study costs incurred before the date of execution of a feasibility cost-sharing agreement for a project to be carried out under section 206 of the Water Resources Development Act of 1996 (33 U.S.C. 2330) shall be Federal costs, if—

(1) the study was initiated before October 1, 2006; and

(2) the feasibility cost-sharing agreement was not executed before January 1, 2014.

SEC. 1045. EASEMENTS FOR ELECTRIC, TELEPHONE, OR BROADBAND SERVICE FACILITIES ELIGIBLE FOR FINANCING UNDER THE RURAL ELECTRIFICATION ACT OF 1936.

(a) DEFINITION OF WATER RESOURCES DEVELOPMENT PROJECT.—In this section, the term “water resources development project”

means a project under the administrative jurisdiction of the Corps of Engineers that is subject to part 327 of title 36, Code of Federal Regulations (or successor regulations).

(b) NO CONSIDERATION FOR EASEMENTS.—The Secretary may not collect consideration for an easement across water resources development project land for the electric, telephone, or broadband service facilities of non-profit organizations eligible for financing under the Rural Electrification Act of 1936 (7 U.S.C. 901 et seq.).

(c) ADMINISTRATIVE EXPENSES.—Nothing in this section affects the authority of the Secretary under section 2695 of title 10, United States Code, or under section 9701 of title 31, United States Code, to collect funds to cover reasonable administrative expenses incurred by the Secretary.

SEC. 1046. STUDY ON THE PERFORMANCE OF INNOVATIVE MATERIALS.

(a) DEFINITION OF INNOVATIVE MATERIAL.—In this section, the term “innovative material”, with respect to a water resources development project, includes high performance concrete formulations, geosynthetic materials, advanced alloys and metals, reinforced polymer composites, and any other material, as determined by the Secretary.

(b) STUDY.—

(1) IN GENERAL.—The Secretary shall offer to enter into a contract with the Transportation Research Board of the National Academy of Sciences—

(A) to develop a proposal to study the use and performance of innovative materials in water resources development projects carried out by the Corps of Engineers; and

(B) after the opportunity for public comment provided in accordance with subsection (c), to carry out the study proposed under subparagraph (A).

(2) CONTENTS.—The study under paragraph (1) shall identify—

(A) the conditions that result in degradation of water resources infrastructure;

(B) the capabilities of the innovative materials in reducing degradation;

(C) barriers to the expanded successful use of innovative materials;

(D) recommendations on including performance-based requirements for the incorporation of innovative materials into the Unified Facilities Guide Specifications;

(E) recommendations on how greater use of innovative materials could increase performance of an asset of the Corps of Engineers in relation to extended service life;

(F) additional ways in which greater use of innovative materials could empower the Corps of Engineers to accomplish the goals of the Strategic Plan for Civil Works of the Corps of Engineers; and

(G) recommendations on any further research needed to improve the capabilities of innovative materials in achieving extended service life and reduced maintenance costs in water resources development infrastructure.

(c) PUBLIC COMMENT.—After developing the study proposal under subsection (b)(1)(A) and before carrying out the study under subsection (b)(1)(B), the Secretary shall provide an opportunity for public comment on the study proposal.

(d) CONSULTATION.—In carrying out the study under subsection (b)(1), the Secretary, at a minimum, shall consult with relevant experts on engineering, environmental, and industry considerations.

(e) REPORT TO CONGRESS.—Not later than 3 years after the date of enactment of this Act, the Secretary shall submit to Congress a report describing the results of the study required under subsection (b)(1).

TITLE II—NAVIGATION

SEC. 2001. PROJECTS FUNDED BY THE INLAND WATERWAYS TRUST FUND.

Beginning on June 10, 2014, and ending on the date that is 15 years after the date of en-

actment of this Act, section 1001(b)(2) of the Water Resources Development Act of 1986 (33 U.S.C. 579a(b)(2)) shall not apply to any project authorized to receive funding from the Inland Waterways Trust Fund established by section 9506(a) of the Internal Revenue Code of 1986.

SEC. 2002. OPERATION AND MAINTENANCE OF FUEL-TAXED INLAND WATERWAYS.

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

“(3) CREDIT OR REIMBURSEMENT.—The Federal share of operation and maintenance carried out by a non-Federal interest under this subsection after the date of enactment of the Water Resources Reform and Development Act of 2014 shall be eligible for reimbursement or for credit toward—

“(A) the non-Federal share of future operation and maintenance under this subsection; or

“(B) any measure carried out by the Secretary under section 3017(a) of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 3303a note; Public Law 113-121).”.

SEC. 2003. FUNDING FOR HARBOR MAINTENANCE PROGRAMS.

Section 2101 of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2238b) is amended—

(1) in subsection (b)(1), in the matter preceding subparagraph (A), by striking “The target total” and inserting “Except as provided in subsection (c), the target total”; and

(2) by redesignating subsection (c) as subsection (d); and

(3) by inserting after subsection (b) the following:

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

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

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

SEC. 2004. DREDGED MATERIAL DISPOSAL.

Disposal of dredged material shall not be considered environmentally acceptable for the purposes of identifying the Federal standard (as defined in section 335.7 of title 33, Code of Federal Regulations (or successor regulations)) if the disposal violates applicable State water quality standards approved by the Administrator of the Environmental Protection Agency under section 303 of the Federal Water Pollution Control Act (33 U.S.C. 1313).

SEC. 2005. CAPE ARUNDEL DISPOSAL SITE, MAINE.

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

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

(2) the date on which an environmental impact statement designating an alternative dredged material disposal site for southern Maine has been completed; or

(3) the date that is 5 years after the date of enactment of this Act.

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

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

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

SEC. 2006. MAINTENANCE OF HARBORS OF REFUGE.

The Secretary is authorized to maintain federally authorized harbors of refuge to restore and maintain the authorized dimensions of the harbors.

SEC. 2007. AIDS TO NAVIGATION.

(a) IN GENERAL.—The Secretary shall—

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

(2) share information regarding the assistance that the Secretary can provide regarding the placement of any aids to navigation on the rivers referred to in paragraph (1).

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

SEC. 2008. BENEFICIAL USE OF DREDGED MATERIAL.

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

“(3) SPECIAL RULE.—Disposal of dredged material under this subsection may include a single or periodic application of sediment for beneficial use and shall not require operation and maintenance.

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

SEC. 2009. OPERATION AND MAINTENANCE OF HARBOR PROJECTS.

Section 210(c)(3) of the Water Resources Development Act of 1986 (33 U.S.C. 2238(c)(3)) is amended by striking “for each of fiscal years 2015 through 2022” and inserting “for each fiscal year”.

SEC. 2010. ADDITIONAL MEASURES AT DONOR PORTS AND ENERGY TRANSFER PORTS.

Section 2106 of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2238c) is amended—

(1) in subsection (a)—

(A) by redesignating paragraphs (2) through (6) as paragraphs (3) through (7), respectively;

(B) by inserting after paragraph (1) the following:

“(2) DISCRETIONARY CARGO.—The term ‘discretionary cargo’ means maritime cargo that is destined for inland locations and that can be economically shipped through multiple seaports located in different countries or regions.”;

(C) in paragraph (3) (as redesignated)—

(i) by redesignating subparagraphs (A) through (D) as clause (i) through (iv), respectively, and indenting appropriately;

(ii) in the matter preceding clause (i) (as redesignated), by striking “The term” and inserting the following:

“(A) IN GENERAL.—The term”; and

(iii) by adding at the end the following:

“(B) CALCULATION.—For the purpose of calculating the percentage described in subparagraph (A)(iii), payments described under subsection (c)(1) shall not be included.”;

(D) in paragraph (5)(A) (as redesignated), by striking “Code of Federal Regulation” and inserting “Code of Federal Regulations”; and

(E) by adding at the end the following:

“(8) MEDIUM-SIZED DONOR PORT.—The term ‘medium-sized donor port’ means a port—

“(A) that is subject to the harbor maintenance fee under section 24.24 of title 19, Code of Federal Regulations (or a successor regulation);

“(B) at which the total amount of harbor maintenance taxes collected comprise annually more than \$5,000,000 but less than \$15,000,000 of the total funding of the Harbor Maintenance Trust Fund established under section 9505 of the Internal Revenue Code of 1986;

“(C) that received less than 25 percent of the total amount of harbor maintenance taxes collected at that port in the previous 5 fiscal years; and

“(D) that is located in a State in which more than 2,000,000 cargo containers were unloaded from or loaded onto vessels in fiscal year 2012.”;

(2) in subsection (b)—

(A) in paragraph (1), by striking “donor ports” and inserting “donor ports, medium-sized donor ports.”;

(B) in paragraph (2)—

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

(ii) by striking subparagraph (B) and inserting the following:

“(B) shall be made available to a port as either a donor port, medium-sized donor port, or an energy transfer port, and no port may receive amounts from more than 1 designation; and

“(C) for donor ports and medium-sized donor ports—

“(i) 50 percent of the funds shall be equally divided between the eligible donor ports as authorized by this section; and

“(ii) 50 percent of the funds shall be divided between the eligible donor ports and eligible medium-sized donor ports based on the percentage of the total Harbor Maintenance Tax revenues generated at each eligible donor port and medium-sized donor port.”;

(3) in subsection (c), in the matter preceding paragraph (1), by striking “donor port” and inserting “donor port, a medium-sized donor port.”;

(4) by striking subsection (d) and inserting the following:

“(d) ADMINISTRATION OF PAYMENTS.—

“(1) IN GENERAL.—If a donor port, a medium-sized donor port, or an energy transfer port elects to provide payments to importers or shippers under subsection (c), the Secretary shall transfer to the Commissioner of Customs and Border Protection the amount that would otherwise be provided to the port under this section that is equal to those payments to provide the payments to the importers or shippers of the discretionary cargo that is—

“(A) shipped through respective eligible ports; and

“(B) most at risk of diversion to seaports outside of the United States.

“(2) REQUIREMENT.—The Secretary, in consultation with the eligible port, shall limit payments to top importers or shippers through an eligible port, as ranked by value of discretionary cargo.”; and

(5) in subsection (f)—

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

“(1) IN GENERAL.—If the total amounts made available from the Harbor Maintenance Trust Fund exceed the total amounts made available from the Harbor Maintenance Trust Fund in fiscal year 2012, there is authorized to be appropriated to carry out this section \$50,000,000 from the Harbor Maintenance Trust Fund.”;

(B) by striking paragraph (2) and inserting the following:

“(2) DIVISION BETWEEN DONOR PORTS, MEDIUM-SIZED DONOR PORTS, AND ENERGY TRANSFER PORTS.—For each fiscal year, amounts made available to carry out this section shall be provided in equal amounts to—

“(A) donor ports and medium-sized donor ports; and

“(B) energy transfer ports.”; and

(C) by striking paragraph (3).

SEC. 2011. HARBOR DEEPENING.

(a) IN GENERAL.—Section 101(a)(1) of the Water Resources Development Act of 1986 (33 U.S.C. 2211(a)(1)) is amended—

(1) in the matter preceding subparagraph (A), by striking “the date of enactment of this Act” and inserting “the date of enactment of the Water Resources Reform and Development Act of 2014 (Public Law 113-121; 128 Stat. 1193)”;

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

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

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

SEC. 2012. OPERATIONS AND MAINTENANCE OF INLAND MISSISSIPPI RIVER PORTS.

(a) DEFINITIONS.—In this section:

(1) INLAND MISSISSIPPI RIVER.—The term “inland Mississippi River” means the portion of the Mississippi River that begins at the confluence of the Minnesota River and ends at the confluence of the Red River.

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

(b) DREDGING ACTIVITIES.—The Secretary shall carry out dredging activities on shallow draft ports located on the inland Mississippi River to the respective authorized widths and depths of those inland ports, as authorized on the date of enactment of this Act.

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

SEC. 2013. IMPLEMENTATION GUIDANCE.

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

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

SEC. 2014. REMOTE AND SUBSISTENCE HARBORS.

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

(1) in subsection (a)(3), by inserting “in which the project is located or of a community that is located in the region that is served by the project and that will rely on the project” after “community”; and

(2) in subsection (b)—

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

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

(C) in paragraph (5), by striking “community” and inserting “local community or to a community that is located in the region to be served by the project and that will rely on the project”.

SEC. 2015. NON-FEDERAL INTEREST DREDGING AUTHORITY.

(a) IN GENERAL.—The Secretary may permit a non-Federal interest to carry out, for

an authorized navigation project (or a separable element of an authorized navigation project), such maintenance activities as are necessary to ensure that the project is maintained to not less than the minimum project dimensions.

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

(c) **AGREEMENT.**—Before initiating maintenance activities under this section, the non-Federal interest shall enter into an agreement with the Secretary that specifies, for the performance of the maintenance activities, the terms and conditions that are acceptable to the non-Federal interest and the Secretary.

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

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

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

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

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

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

(f) **AUDIT.**—Not earlier than 5 years after the date of enactment of this Act, the Secretary may conduct an audit on any maintenance activities for an authorized navigation project (or a separable element of an authorized navigation project) carried out under this section to determine if permitting a non-Federal interest to carry out maintenance activities under this section has resulted in—

(1) improved reliability and safety for navigation; and

(2) cost savings to the Federal Government.

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

SEC. 2016. TRANSPORTATION COST SAVINGS.

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

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

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

“(B) **ADDITIONAL REQUIREMENT.**—For the first report following the date of enactment of the Water Resources Development Act of 2016, in the report submitted under subparagraph (A), the Secretary shall identify, to the maximum extent practicable, transportation cost savings realized by achieving and maintaining the constructed width and depth for the harbors and inland harbors referred to in subsection (a)(2), on a project-by-project basis.”

SEC. 2017. DREDGED MATERIAL.

(a) **IN GENERAL.**—Notwithstanding part 335 of title 33, Code of Federal Regulations, the

Secretary may place dredged material from the operation and maintenance of an authorized Federal water resources project at another authorized water resource project if the Secretary determines that—

(1) the placement of the dredged material would—

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

(ii) significantly contribute to shoreline resiliency, including the resilience and restoration of wetland; and

(B) be in the public interest; and

(2) the cost associated with the placement of the dredged material is reasonable in relation to the associated environmental, flood protection, and resiliency benefits.

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

TITLE III—SAFETY IMPROVEMENTS

SEC. 3001. REHABILITATION ASSISTANCE FOR NON-FEDERAL FLOOD CONTROL PROJECTS.

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

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

“(3) **DEFINITION OF NONSTRUCTURAL ALTERNATIVES.**—In this subsection, ‘nonstructural alternatives’ includes efforts to restore or protect natural resources including streams, rivers, floodplains, wetlands, or coasts, if those efforts will reduce flood risk.”; and

(2) by adding at the end the following:

“(d) **INCREASED LEVEL OF PROTECTION.**—In conducting repair or restoration work under subsection (a), at the request of the non-Federal sponsor, the Secretary may increase the level of protection above the level to which the system was designed, or, if the repair and rehabilitation includes repair or rehabilitation of a pumping station, will increase the capacity of a pump, if—

“(1) the Chief of Engineers determines the improvements are in the public interest, including consideration of whether—

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

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

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

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

“(e) **NOTICE.**—The Secretary shall notify the non-Federal sponsor of the opportunity to request implementation of nonstructural alternatives to the repair or restoration of the flood control work under subsection (a).”

(b) **PROJECTS IN COORDINATION WITH CERTAIN REHABILITATION REQUIREMENTS.**—

(1) **IN GENERAL.**—In any case in which the Secretary has completed a study determining a project for flood damage reduction is feasible and such project is designed to protect the same geographic area as work to be performed under section 5(c) of the Act of August 18, 1941 (33 U.S.C. 701n(c)), the Secretary may, if the Secretary determines that the action is in the public interest, carry out

such project with the work being performed under section 5(c) of that Act, subject to the limitations in paragraph (2).

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

SEC. 3002. REHABILITATION OF EXISTING LEVEES.

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

(1) in subsection (a), by striking “if the Secretary determines the necessary work is technically feasible, environmentally acceptable, and economically justified”;

(2) in subsection (b)—

(A) by striking “This section” and inserting the following:

“(1) **IN GENERAL.**—This section”; and

(B) by adding at the end the following:

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

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

(4) by adding at the end the following:

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

SEC. 3003. MAINTENANCE OF HIGH RISK FLOOD CONTROL PROJECTS.

In any case in which the Secretary is responsible, as of the date of enactment of this Act, for the maintenance of a project classified as class III under the Dam Safety Action Classification of the Corps of Engineers, the Secretary shall continue to be responsible for the maintenance until the earlier of the date that—

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

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

SEC. 3004. REHABILITATION OF HIGH HAZARD POTENTIAL DAMS.

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

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

(2) by inserting after paragraph (3) the following:

“(4) **ELIGIBLE HIGH HAZARD POTENTIAL DAM.**—

“(A) **IN GENERAL.**—The term ‘eligible high hazard potential dam’ means a non-Federal dam that—

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

“(ii) is classified as ‘high hazard potential’ by the State dam safety agency in the State in which the dam is located;

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

“(iv) the State in which the dam is located determines—

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

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

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

“(i) a licensed hydroelectric dam; or

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

(3) by inserting after paragraph (9) (as redesignated by paragraph (1)) the following:

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

- “(A) a governmental organization; and
- “(B) a nonprofit organization.” and

(4) by inserting after paragraph (11) (as redesignated by paragraph (1)) the following:

“(12) REHABILITATION.—The term ‘rehabilitation’ means the repair, replacement, reconstruction, or removal of a dam that is carried out to meet applicable State dam safety and security standards.”.

(b) PROGRAM FOR REHABILITATION OF HIGH HAZARD POTENTIAL DAMS.—The National Dam Safety Program Act is amended by inserting after section 8 (33 U.S.C. 467f) the following:

“SEC. 8A. REHABILITATION OF HIGH HAZARD POTENTIAL DAMS.

“(a) ESTABLISHMENT OF PROGRAM.—The Administrator shall establish, within FEMA, a program to provide technical, planning, design, and construction assistance in the form of grants to non-Federal sponsors for rehabilitation of eligible high hazard potential dams.

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

- “(1) repair;
- “(2) removal; or
- “(3) any other structural or nonstructural measures to rehabilitate a high hazard potential dam.

“(c) AWARD OF GRANTS.—

“(1) APPLICATION.—

“(A) IN GENERAL.—A non-Federal sponsor interested in receiving a grant under this section may submit to the Administrator an application for the grant.

“(B) REQUIREMENTS.—An application submitted to the Administrator under this section shall be submitted at such time, be in such form, and contain such information as the Administrator may prescribe by regulation pursuant to section 3004(c) of the Water Resources Development Act of 2016.

“(2) GRANT.—

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

“(B) PROJECT GRANT AGREEMENT.—The Administrator shall enter into a project grant agreement with the non-Federal sponsor to establish the terms of the grant and the project, including the amount of the grant.

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

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

- “(i) 12.5 percent of the total amount of funds made available to carry out this section; or
- “(ii) \$7,500,000.

“(d) REQUIREMENTS.—

“(1) APPROVAL.—A grant awarded under this section for a project shall be approved by the relevant State dam safety agency.

“(2) NON-FEDERAL SPONSOR REQUIREMENTS.—To receive a grant under this section, the non-Federal sponsor shall—

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

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

- “(i) includes all dam risks; and
- “(ii) complies with the Disaster Mitigation Act of 2000 (Public Law 106-390; 114 Stat. 1552);

“(C) commit to provide operation and maintenance of the project for the 50-year period following completion of rehabilitation;

“(D) comply with such minimum eligibility requirements as the Administrator may establish to ensure that each owner and operator of a dam under a participating State dam safety program—

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

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

“(E) comply with section 611(j)(9) of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5196(j)(9)) (as in effect on the date of enactment of this section) with respect to projects receiving assistance under this section in the same manner as recipients are required to comply in order to receive financial contributions from the Administrator for emergency preparedness purposes.

“(e) FLOODPLAIN MANAGEMENT PLANS.—

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

“(A) is in place; or

“(B) will be—

“(i) developed not later than 1 year after the date of execution of a project agreement for assistance under this section; and

“(ii) implemented not later than 1 year after the date of completion of construction of the project.

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

“(A) potential measures, practices, and policies to reduce loss of life, injuries, damage to property and facilities, public expenditures, and other adverse impacts of flooding in the area protected by the project;

“(B) plans for flood fighting and evacuation; and

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

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

“(f) PRIORITY SYSTEM.—The Administrator, in consultation with the Board, shall develop a risk-based priority system for use in identifying high hazard potential dams for which grants may be made under this section.

“(g) FUNDING.—

“(1) COST SHARING.—

“(A) IN GENERAL.—Any assistance provided under this section for a project shall be subject to a non-Federal cost-sharing requirement of not less than 35 percent.

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

“(2) ALLOCATION OF FUNDS.—The total amount of funds made available to carry out this section for each fiscal year shall be distributed as follows:

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

“(B) NEED-BASED.— $\frac{2}{3}$ shall be distributed among the States in which the projects for which applications are submitted under subsection (c)(1) are located based on the proportion that—

“(i) the number of eligible high hazard potential dams in the State; bears to

“(ii) the number of eligible high hazard potential dams in all States in which projects for which applications are submitted under subsection (c)(1).

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

“(1) to rehabilitate a Federal dam;

“(2) to perform routine operation or maintenance of a dam;

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

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

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

“(i) CONTRACTUAL REQUIREMENTS.—

“(1) IN GENERAL.—Subject to paragraph (2), as a condition on the receipt of a grant under this section of an amount greater than \$1,000,000, a non-Federal sponsor that receives the grant shall require that each contract and subcontract for program management, construction management, planning studies, feasibility studies, architectural services, preliminary engineering, design, engineering, surveying, mapping, and related services entered into using funds from the grant be awarded in the same manner as a contract for architectural and engineering services is awarded under—

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

“(B) an equivalent qualifications-based requirement prescribed by the relevant State.

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

“(j) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section—

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

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

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

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

(c) RULEMAKING.—

(1) PROPOSED RULEMAKING.—Not later than 90 days after the date of enactment of this Act, the Administrator of the Federal Emergency Management Agency shall issue a notice of proposed rulemaking regarding applications for grants of assistance under the amendments made by subsection (b) to the National Dam Safety Program Act (33 U.S.C. 467 et seq.).

(2) FINAL RULE.—Not later than 180 days after the date of enactment of this Act, the Administrator of the Federal Emergency Management Agency shall promulgate a final rule regarding the amendments described in paragraph (1).

SEC. 3005. EXPEDITED COMPLETION OF AUTHORIZED PROJECTS FOR FLOOD DAMAGE REDUCTION.

The Secretary shall expedite the completion of the following projects for flood damage reduction and flood risk management:

- (1) Chicagoland Underflow Plan, Illinois, phase 2, as authorized by section 3(a)(5) of the Water Resources Development Act of 1988 (Public Law 100-676; 102 Stat. 4013) and modified by section 319 of the Water Resources Development Act of 1996 (Public Law 104-303; 110 Stat. 3715) and section 501 of the Water Resources Development Act of 1999 (Public Law 106-53; 113 Stat. 334).

(2) Cedar River, Cedar Rapids, Iowa, as authorized by section 7002(2)(3) of the Water Resources Development Act of 2014 (Public Law 113-121; 128 Stat. 1366).

(3) Comite River, Louisiana, authorized as part of the project for flood control, Amite River and Tributaries, Louisiana, by section 101(11) of the Water Resources Development Act of 1992 (Public Law 102-580; 106 Stat. 4802) and modified by section 301(b)(5) of the Water Resources Development Act of 1996 (Public Law 104-03; 110 Stat. 3709) and section 371 of the Water Resources Development Act of 1999 (Public Law 106-53; 113 Stat. 321).

(4) Amite River and Tributaries, Louisiana, East Baton Rouge Parish Watershed, as authorized by section 101(a)(21) of the Water Resources Development Act of 1999 (Public Law 106-53; 113 Stat. 277) and modified by section 116 of division D of Public Law 108-7 (117 Stat. 140) and section 3074 of the Water Resources Development Act of 2007 (Public Law 110-114; 121 Stat. 1124).

SEC. 3006. CUMBERLAND RIVER BASIN DAM REPAIRS.

All costs incurred in carrying out any repair to correct a seepage problem at any dam in the Cumberland River Basin shall be—

(1) treated as costs for a dam safety project; and

(2) subject to cost-sharing requirements in accordance with section 1203 of the Water Resources Development Act of 1986 (33 U.S.C. 467n).

SEC. 3007. INDIAN DAM SAFETY.

(a) DEFINITIONS.—In this section:

(1) DAM.—

(A) IN GENERAL.—The term “dam” has the meaning given the term in section 2 of the National Dam Safety Program Act (33 U.S.C. 467).

(B) INCLUSIONS.—The term “dam” includes any structure, facility, equipment, or vehicle used in connection with the operation of a dam.

(2) FUND.—The term “Fund” means, as applicable—

(A) the High-Hazard Indian Dam Safety Deferred Maintenance Fund established by subsection (b)(1)(A); or

(B) the Low-Hazard Indian Dam Safety Deferred Maintenance Fund established by subsection (b)(2)(A).

(3) HIGH HAZARD POTENTIAL DAM.—The term “high hazard potential dam” means a dam assigned to the significant or high hazard potential classification under the guidelines published by the Federal Emergency Management Agency entitled “Federal Guidelines for Dam Safety: Hazard Potential Classification System for Dams” (FEMA Publication Number 333).

(4) INDIAN TRIBE.—The term “Indian tribe” has the meaning given the term in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450b).

(5) LOW HAZARD POTENTIAL DAM.—The term “low hazard potential dam” means a dam assigned to the low hazard potential classification under the guidelines published by the Federal Emergency Management Agency entitled “Federal Guidelines for Dam Safety: Hazard Potential Classification System for Dams” (FEMA Publication Number 333).

(6) SECRETARY.—The term “Secretary” means the Secretary of the Interior, acting through the Assistant Secretary for Indian Affairs, in consultation with the Secretary of the Army.

(b) INDIAN DAM SAFETY DEFERRED MAINTENANCE FUNDS.—

(1) HIGH-HAZARD FUND.—

(A) ESTABLISHMENT.—There is established in the Treasury of the United States a fund, to be known as the “High-Hazard Indian Dam Safety Deferred Maintenance Fund”, consisting of—

(i) such amounts as are deposited in the Fund under subparagraph (B); and

(ii) any interest earned on investment of amounts in the Fund under subparagraph (D).

(B) DEPOSITS TO FUND.—

(i) IN GENERAL.—For each of fiscal years 2017 through 2037, the Secretary of the Treasury shall deposit in the Fund \$22,750,000 of the revenues that would otherwise be deposited for the fiscal year in the reclamation fund established by the first section of the Act of June 17, 1902 (32 Stat. 388, chapter 1093).

(ii) AVAILABILITY OF AMOUNTS.—Amounts deposited in the Fund under clause (i) shall be used, subject to appropriation, to carry out this section.

(C) EXPENDITURES FROM FUND.—

(i) IN GENERAL.—Subject to clause (ii), for each of fiscal years 2017 through 2037, the Secretary may, to the extent provided in advance in appropriations Acts, expend from the Fund, in accordance with this section, not more than the sum of—

(I) \$22,750,000; and

(II) the amount of interest accrued in the Fund.

(ii) ADDITIONAL EXPENDITURES.—The Secretary may expend more than \$22,750,000 for any fiscal year referred to in clause (i) if the additional amounts are available in the Fund as a result of a failure of the Secretary to expend all of the amounts available under clause (i) in 1 or more prior fiscal years.

(D) INVESTMENTS OF AMOUNTS.—

(i) IN GENERAL.—The Secretary of the Treasury shall invest such portion of the Fund as is not, in the judgment of the Secretary, required to meet current withdrawals.

(ii) CREDITS TO FUND.—The interest on, and the proceeds from the sale or redemption of, any obligations held in the Fund shall be credited to, and form a part of, the Fund.

(E) TRANSFERS OF AMOUNTS.—

(i) IN GENERAL.—The amounts required to be transferred to the Fund under this paragraph shall be transferred at least monthly from the revenues that would otherwise be deposited for the fiscal year in the reclamation fund established by the first section of the Act of June 17, 1902 (32 Stat. 388, chapter 1093), to the Fund on the basis of estimates made by the Secretary of the Treasury.

(ii) ADJUSTMENTS.—Proper adjustment shall be made in amounts subsequently transferred to the extent prior estimates are in excess of or less than the amounts required to be transferred.

(F) TERMINATION.—On September 30, 2037—

(i) the Fund shall terminate; and

(ii) the unexpended and unobligated balance of the Fund shall be transferred to the reclamation fund established by the first section of the Act of June 17, 1902 (32 Stat. 388, chapter 1093).

(2) LOW-HAZARD FUND.—

(A) ESTABLISHMENT.—There is established in the Treasury of the United States a fund, to be known as the “Low-Hazard Indian Dam Safety Deferred Maintenance Fund”, consisting of—

(i) such amounts as are deposited in the Fund under subparagraph (B); and

(ii) any interest earned on investment of amounts in the Fund under subparagraph (D).

(B) DEPOSITS TO FUND.—

(i) IN GENERAL.—For each of fiscal years 2017 through 2037, the Secretary of the Treasury shall deposit in the Fund \$10,000,000 of the revenues that would otherwise be deposited for the fiscal year in the reclamation fund established by the first section of the Act of June 17, 1902 (32 Stat. 388, chapter 1093).

(ii) AVAILABILITY OF AMOUNTS.—Amounts deposited in the Fund under clause (i) shall be used, subject to appropriation, to carry out this section.

(C) EXPENDITURES FROM FUND.—

(i) IN GENERAL.—Subject to clause (ii), for each of fiscal years 2017 through 2037, the Secretary may, to the extent provided in advance in appropriations Acts, expend from the Fund, in accordance with this section, not more than the sum of—

(I) \$10,000,000; and

(II) the amount of interest accrued in the Fund.

(ii) ADDITIONAL EXPENDITURES.—The Secretary may expend more than \$10,000,000 for any fiscal year referred to in clause (i) if the additional amounts are available in the Fund as a result of a failure of the Secretary to expend all of the amounts available under clause (i) in 1 or more prior fiscal years.

(D) INVESTMENTS OF AMOUNTS.—

(i) IN GENERAL.—The Secretary of the Treasury shall invest such portion of the Fund as is not, in the judgment of the Secretary, required to meet current withdrawals.

(ii) CREDITS TO FUND.—The interest on, and the proceeds from the sale or redemption of, any obligations held in the Fund shall be credited to, and form a part of, the Fund.

(E) TRANSFERS OF AMOUNTS.—

(i) IN GENERAL.—The amounts required to be transferred to the Fund under this paragraph shall be transferred at least monthly from the revenues that would otherwise be deposited for the fiscal year in the reclamation fund established by the first section of the Act of June 17, 1902 (32 Stat. 388, chapter 1093), to the Fund on the basis of estimates made by the Secretary of the Treasury.

(ii) ADJUSTMENTS.—Proper adjustment shall be made in amounts subsequently transferred to the extent prior estimates are in excess of or less than the amounts required to be transferred.

(F) TERMINATION.—On September 30, 2037—

(i) the Fund shall terminate; and

(ii) the unexpended and unobligated balance of the Fund shall be transferred to the reclamation fund established by the first section of the Act of June 17, 1902 (32 Stat. 388, chapter 1093).

(c) REPAIR, REPLACEMENT, AND MAINTENANCE OF CERTAIN INDIAN DAMS.—

(1) PROGRAM ESTABLISHMENT.—

(A) IN GENERAL.—The Secretary shall establish a program to address the deferred maintenance needs of Indian dams that—

(i) create flood risks or other risks to public or employee safety or natural or cultural resources; and

(ii) unduly impede the management and efficiency of Indian dams.

(B) FUNDING.—

(i) HIGH-HAZARD FUND.—Consistent with subsection (b)(1)(B), the Secretary shall use or transfer to the Bureau of Indian Affairs not less than \$22,750,000 of amounts in the High-Hazard Indian Dam Safety Deferred Maintenance Fund, plus accrued interest, for each of fiscal years 2017 through 2037 to carry out maintenance, repair, and replacement activities for 1 or more of the Indian dams described in paragraph (2)(A).

(ii) LOW-HAZARD FUND.—Consistent with subsection (b)(2)(B), the Secretary shall use or transfer to the Bureau of Indian Affairs not less than \$10,000,000 of amounts in the Low-Hazard Indian Dam Safety Deferred Maintenance Fund, plus accrued interest, for each of fiscal years 2017 through 2037 to carry out maintenance, repair, and replacement activities for 1 or more of the Indian dams described in paragraph (2)(B).

(C) COMPLIANCE WITH DAM SAFETY POLICIES.—Maintenance, repair, and replacement activities for Indian dams under this section

shall be carried out in accordance with the dam safety policies of the Director of the Bureau of Indian Affairs established to carry out the Indian Dams Safety Act of 1994 (25 U.S.C. 3801 et seq.).

(2) ELIGIBLE DAMS.—

(A) HIGH HAZARD POTENTIAL DAMS.—The dams eligible for funding under paragraph (1)(B)(i) are Indian high hazard potential dams in the United States that—

(i) are included in the safety of dams program established pursuant to the Indian Dams Safety Act of 1994 (25 U.S.C. 3801 et seq.); and

(ii)(I)(aa) are owned by the Federal Government, as listed in the Federal inventory required by Executive Order 13327 (40 U.S.C. 121 note; relating to Federal real property asset management); and

(bb) are managed by the Bureau of Indian Affairs (including dams managed under contracts or compacts pursuant to the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450 et seq.)); or

(II) have deferred maintenance documented by the Bureau of Indian Affairs.

(B) LOW HAZARD POTENTIAL DAMS.—The dams eligible for funding under paragraph (1)(B)(ii) are Indian low hazard potential dams in the United States that, on the date of enactment of this Act—

(i) are covered under the Indian Dams Safety Act of 1994 (25 U.S.C. 3801 et seq.); and

(ii)(I)(aa) are owned by the Federal Government, as listed in the Federal inventory required by Executive Order 13327 (40 U.S.C. 121 note; relating to Federal real property asset management); and

(bb) are managed by the Bureau of Indian Affairs (including dams managed under contracts or compacts pursuant to the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450 et seq.)); or

(II) have deferred maintenance documented by the Bureau of Indian Affairs.

(3) REQUIREMENTS AND CONDITIONS.—Not later than 120 days after the date of enactment of this Act and as a precondition to amounts being expended from the Fund to carry out this subsection, the Secretary, in consultation with representatives of affected Indian tribes, shall develop and submit to Congress—

(A) programmatic goals to carry out this subsection that—

(i) would enable the completion of repairing, replacing, improving, or performing maintenance on Indian dams as expeditiously as practicable, subject to the dam safety policies of the Director of the Bureau of Indian Affairs established to carry out the Indian Dams Safety Act of 1994 (25 U.S.C. 3801 et seq.);

(ii) facilitate or improve the ability of the Bureau of Indian Affairs to carry out the mission of the Bureau of Indian Affairs in operating an Indian dam; and

(iii) ensure that the results of government-to-government consultation required under paragraph (4) be addressed; and

(B) funding prioritization criteria to serve as a methodology for distributing funds under this subsection that take into account—

(i) the extent to which deferred maintenance of Indian dams poses a threat to—

(I) public or employee safety or health;

(II) natural or cultural resources; or

(III) the ability of the Bureau of Indian Affairs to carry out the mission of the Bureau of Indian Affairs in operating an Indian dam;

(ii) the extent to which repairing, replacing, improving, or performing maintenance on an Indian dam will—

(I) improve public or employee safety, health, or accessibility;

(II) assist in compliance with codes, standards, laws, or other requirements;

(III) address unmet needs; or

(IV) assist in protecting natural or cultural resources;

(iii) the methodology of the rehabilitation priority index of the Secretary, as in effect on the date of enactment of this Act;

(iv) the potential economic benefits of the expenditures on job creation and general economic development in the affected tribal communities;

(v) the ability of an Indian dam to address tribal, regional, and watershed level flood prevention needs;

(vi) the need to comply with the dam safety policies of the Director of the Bureau of Indian Affairs established to carry out the Indian Dams Safety Act of 1994 (25 U.S.C. 3801 et seq.);

(vii) the ability of the water storage capacity of an Indian dam to be increased to prevent flooding in downstream tribal and non-tribal communities; and

(viii) such other factors as the Secretary determines to be appropriate to prioritize the use of available funds that are, to the fullest extent practicable, consistent with tribal and user recommendations received pursuant to the consultation and input process under paragraph (4).

(4) TRIBAL CONSULTATION AND USER INPUT.—

(A) IN GENERAL.—Except as provided in subparagraph (B), before expending funds on an Indian dam pursuant to paragraph (1) and not later than 60 days after the date of enactment of this Act, the Secretary shall—

(i) consult with the Director of the Bureau of Indian Affairs on the expenditure of funds;

(ii) ensure that the Director of the Bureau of Indian Affairs advises the Indian tribe that has jurisdiction over the land on which a dam eligible to receive funding under paragraph (2) is located on the expenditure of funds; and

(iii) solicit and consider the input, comments, and recommendations of the landowners served by the Indian dam.

(B) EMERGENCIES.—If the Secretary determines that an emergency circumstance exists with respect to an Indian dam, subparagraph (A) shall not apply with respect to that Indian dam.

(5) ALLOCATION AMONG DAMS.—

(A) IN GENERAL.—Subject to subparagraph (B), to the maximum extent practicable, the Secretary shall ensure that, for each of fiscal years 2017 through 2037, each Indian dam eligible for funding under paragraph (2) that has critical maintenance needs receives part of the funding under paragraph (1) to address critical maintenance needs.

(B) PRIORITY.—In allocating amounts under paragraph (1)(B), in addition to considering the funding priorities described in paragraph (3), the Secretary shall give priority to Indian dams eligible for funding under paragraph (2) that serve—

(i) more than 1 Indian tribe within an Indian reservation; or

(ii) highly populated Indian communities, as determined by the Secretary.

(C) CAP ON FUNDING.—

(i) IN GENERAL.—Subject to clause (ii), in allocating amounts under paragraph (1)(B), the Secretary shall allocate not more than \$10,000,000 to any individual dam described in paragraph (2) during any consecutive 3-year period.

(ii) EXCEPTION.—Notwithstanding the cap described in clause (i), if the full amount under paragraph (1)(B) cannot be fully allocated to eligible Indian dams because the costs of the remaining activities authorized in paragraph (1)(B) of an Indian dam would exceed the cap described in clause (i), the Secretary may allocate the remaining funds to eligible Indian dams in accordance with this subsection.

(D) BASIS OF FUNDING.—Any amounts made available under this paragraph shall be non-reimbursable.

(E) APPLICABILITY OF ISDEAA.—The Indian Self-Determination and Education Assistance Act (25 U.S.C. 450 et seq.) shall apply to activities carried out under this paragraph.

(d) TRIBAL SAFETY OF DAMS COMMITTEE.—

(1) ESTABLISHMENT OF COMMITTEE.—

(A) ESTABLISHMENT.—The Secretary of the Interior shall establish within the Bureau of Indian Affairs the Tribal Safety of Dams Committee (referred to in this paragraph as the “Committee”).

(B) MEMBERSHIP.—

(i) COMPOSITION.—The Committee shall be composed of 15 members, of whom—

(I) 11 shall be appointed by the Secretary of the Interior from among individuals who, to the maximum extent practicable, have knowledge and expertise in dam safety issues and flood prevention and mitigation, of whom not less than 1 shall be a member of an Indian tribe in each of the Bureau of Indian Affairs regions of—

(aa) the Northwest Region;

(bb) the Pacific Region;

(cc) the Western Region;

(dd) the Navajo Region;

(ee) the Southwest Region;

(ff) the Rocky Mountain Region;

(gg) the Great Plains Region; and

(hh) the Midwest Region;

(II) 2 shall be appointed by the Secretary of the Interior from among employees of the Bureau of Indian Affairs who have knowledge and expertise in dam safety issues and flood prevention and mitigation;

(III) 1 shall be appointed by the Secretary of the Interior from among employees of the Bureau of Reclamation who have knowledge and expertise in dam safety issues and flood prevention and mitigation; and

(IV) 1 shall be appointed by the Secretary of the Army from among employees of the Corps of Engineers who have knowledge and expertise in dam safety issues and flood prevention and mitigation.

(ii) NONVOTING MEMBERS.—The members of the Committee appointed under subclauses (II) and (III) of clause (i) shall be nonvoting members.

(iii) DATE.—The appointments of the members of the Committee shall be made as soon as practicable after the date of enactment of this Act.

(C) PERIOD OF APPOINTMENT.—Members shall be appointed for the life of the Committee.

(D) VACANCIES.—Any vacancy in the Committee shall not affect the powers of the Committee, but shall be filled in the same manner as the original appointment.

(E) INITIAL MEETING.—Not later than 30 days after the date on which all members of the Committee have been appointed, the Committee shall hold the first meeting.

(F) MEETINGS.—The Committee shall meet at the call of the Chairperson.

(G) QUORUM.—A majority of the members of the Committee shall constitute a quorum, but a lesser number of members may hold hearings.

(H) CHAIRPERSON AND VICE CHAIRPERSON.—The Committee shall select a Chairperson and Vice Chairperson from among the members.

(2) DUTIES OF THE COMMITTEE.—

(A) STUDY.—The Committee shall conduct a thorough study of all matters relating to the modernization of the Indian Dams Safety Act of 1994 (25 U.S.C. 3801 et seq.).

(B) RECOMMENDATIONS.—The Committee shall develop recommendations for legislation to improve the Indian Dams Safety Act of 1994 (25 U.S.C. 3801 et seq.).

(C) REPORT.—Not later than 1 year after the date on which the Committee holds the

first meeting, the Committee shall submit a report containing a detailed statement of the findings and conclusions of the Committee, together with recommendations for legislation that the Committee considers appropriate, to—

(i) the Committee on Indian Affairs of the Senate; and

(ii) the Committee on Natural Resources of the House of Representatives.

(3) POWERS OF THE COMMITTEE.—

(A) HEARINGS.—The Committee may hold such hearings, sit and act at such times and places, take such testimony, and receive such evidence as the Committee considers appropriate to carry out this paragraph.

(B) INFORMATION FROM FEDERAL AGENCIES.—

(i) IN GENERAL.—The Committee may secure directly from any Federal department or agency such information as the Committee considers necessary to carry out this paragraph.

(ii) REQUEST.—On request of the Chairperson of the Committee, the head of any Federal department or agency shall furnish information described in clause (i) to the Committee.

(C) POSTAL SERVICES.—The Committee may use the United States mails in the same manner and under the same conditions as other departments and agencies of the Federal Government.

(D) GIFTS.—The Committee may accept, use, and dispose of gifts or donations of services or property.

(4) COMMITTEE PERSONNEL MATTERS.—

(A) COMPENSATION OF MEMBERS.—

(i) NON-FEDERAL MEMBERS.—Each member of the Committee who is not an officer or employee of the Federal Government shall be compensated at a rate equal to the daily equivalent of the annual rate of basic pay prescribed for level IV of the Executive Schedule under section 5315 of title 5, United States Code, for each day (including travel time) during which the member is engaged in the performance of the duties of the Committee.

(ii) FEDERAL MEMBERS.—Each member of the Committee who is an officer or employee of the Federal Government shall serve without compensation in addition to that received for services as an officer or employee of the Federal Government.

(B) TRAVEL EXPENSES.—The members of the Committee shall be allowed travel expenses, including per diem in lieu of subsistence, at rates authorized for employees of agencies under subchapter I of chapter 57 of title 5, United States Code, while away from their homes or regular places of business in the performance of services for the Committee.

(C) STAFF.—

(i) IN GENERAL.—

(I) APPOINTMENT.—The Chairperson of the Committee may, without regard to the civil service laws and regulations, appoint and terminate an executive director and such other additional personnel as may be necessary to enable the Committee to perform the duties of the Committee.

(II) CONFIRMATION.—The employment of an executive director shall be subject to confirmation by the Committee.

(ii) COMPENSATION.—The Chairperson of the Committee may fix the compensation of the executive director and other personnel without regard to chapter 51 and subchapter III of chapter 53 of title 5, United States Code, relating to classification of positions and General Schedule pay rates, except that the rate of pay for the executive director and other personnel may not exceed the rate payable for level V of the Executive Schedule under section 5316 of that title.

(D) DETAIL OF GOVERNMENT EMPLOYEES.—Any Federal Government employee may be

detailed to the Committee without reimbursement, and such detail shall be without interruption or loss of civil service status or privilege.

(E) PROCUREMENT OF TEMPORARY AND INTERMITTENT SERVICES.—The Chairperson of the Committee may procure temporary and intermittent services under section 3109(b) of title 5, United States Code, at rates for individuals that do not exceed the daily equivalent of the annual rate of basic pay prescribed for level V of the Executive Schedule under section 5316 of that title.

(5) TERMINATION OF THE COMMITTEE.—The Committee shall terminate 90 days after the date on which the Committee submits the report under paragraph (2)(C).

(6) FUNDING.—Of the amounts authorized to be expended from either Fund, \$1,000,000 shall be made available from either Fund during fiscal year 2017 to carry out this subsection, to remain available until expended.

(e) INDIAN DAM SURVEYS.—

(1) TRIBAL REPORTS.—The Secretary shall request that, not less frequently than once every 180 days, each Indian tribe submit to the Secretary a report providing an inventory of the dams located on the land of the Indian tribe.

(2) BIA REPORTS.—Not less frequently than once each year, the Secretary shall submit to Congress a report describing the condition of each dam under the partial or total jurisdiction of the Secretary.

(f) FLOOD PLAIN MANAGEMENT PILOT PROGRAM.—

(1) ESTABLISHMENT.—The Secretary shall establish, within the Bureau of Indian Affairs, a flood plain management pilot program (referred to in this subsection as the “program”) to provide, at the request of an Indian tribe, guidance to the Indian tribe relating to best practices for the mitigation and prevention of floods, including consultation with the Indian tribe on—

(A) flood plain mapping; or

(B) new construction planning.

(2) TERMINATION.—The program shall terminate on the date that is 4 years after the date of enactment of this Act.

(3) FUNDING.—Of the amounts authorized to be expended from either Fund, \$250,000 shall be made available from either Fund during each of fiscal years 2017, 2018, and 2019 to carry out this subsection, to remain available until expended.

TITLE IV—RIVER BASINS, WATERSHEDS, AND COASTAL AREAS

SEC. 4001. GULF COAST OYSTER BED RECOVERY PLAN.

(a) DEFINITION OF GULF STATES.—In this section, the term “Gulf States” means each of the States of Alabama, Florida, Louisiana, Mississippi, and Texas.

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

(1) Hurricane Katrina in 2005;

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

(3) floods in 2011 and 2016.

(c) INCLUSION.—The plan developed under subsection (b) shall address the beneficial use of dredged material in providing substrate for oyster bed development.

(d) SUBMISSION.—Not later than 18 months after the date of enactment of this Act, the Secretary shall submit to the Committee of Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives the plan developed under subsection (b).

(e) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to the

Secretary to carry out this section \$2,000,000, to remain available until expended.

SEC. 4002. COLUMBIA RIVER, SOUTH PLATTE RIVER, AND ARKANSAS RIVER.

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

(b) WATERCRAFT INSPECTION STATIONS.—Section 104 of the River and Harbor Act of 1958 (33 U.S.C. 610) is amended—

(1) by striking subsection (b) and inserting the following:

“(b) AUTHORIZATION OF APPROPRIATIONS.—

“(1) IN GENERAL.—There are authorized to be appropriated such sums as are necessary, but not more than \$65,000,000, to carry out this section for each fiscal year, of which—

“(A) \$20,000,000 shall be made available to carry out subsection (d)(1)(A)(i); and

“(B) \$25,000,000 shall be made available to carry out clauses (ii) and (iii) of subsection (d)(1)(A).

“(2) ALLOCATION.—Any funds made available under paragraph (1) that are employed for control operations shall be allocated by the Chief of Engineers on a priority basis, based on—

“(A) the urgency and need of each area; and

“(B) the availability of local funds.”; and

(2) in subsection (d)—

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

“(1) ESTABLISHMENT, OPERATION, AND MAINTENANCE.—

“(A) IN GENERAL.—In carrying out this section, the Secretary may establish, operate, and maintain watercraft inspection stations to protect—

“(i) the Columbia River Basin;

“(ii) the South Platte River Basin located in the States of Colorado, Nebraska, and Wyoming; and

“(iii) the Arkansas River Basin located in the States of Arkansas, Colorado, Kansas, and Oklahoma.

“(B) LOCATION.—The watercraft inspection stations under subparagraph (A) shall be located in areas, as determined by the Secretary, with the highest likelihood of preventing the spread of aquatic invasive species at reservoirs operated and maintained by the Secretary.”; and

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

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

(c) TRIBAL HOUSING.—

(1) DEFINITION OF REPORT.—In this subsection, the term “report” means the final report for the Portland District, Corps of Engineers, entitled “Columbia River Treaty Fishing Access Sites, Oregon and Washington: Fact-finding Review on Tribal Housing” and dated November 19, 2013.

(2) ASSISTANCE AUTHORIZED.—As replacement housing for Indian families displaced due to the construction of the Bonneville Dam, on the request of the Secretary of the Interior, the Secretary may provide assistance on land transferred by the Department of the Army to the Department of the Interior pursuant to title IV of Public Law 100-581 (102 Stat. 2944; 110 Stat. 766; 110 Stat. 3762; 114 Stat. 2679; 118 Stat. 544) for the number of families estimated in the report as having received no relocation assistance.

(3) STUDY.—The Secretary shall—

(A) conduct a study to determine the number of Indian people displaced by the construction of the John Day Dam; and

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

(d) COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WASHINGTON AND OREGON.—The Secretary shall conduct a study to determine the feasibility of modifying the project for navigation, Columbia and Lower Willamette Rivers below Vancouver, Washington and Portland, Oregon, authorized by section 101 of the River and Harbor Act of 1962 (Public Law 87-874; 76 Stat. 1177) to address safety risks.

SEC. 4003. MISSOURI RIVER.

(a) RESERVOIR SEDIMENT MANAGEMENT.—

(1) DEFINITION OF SEDIMENT MANAGEMENT PLAN.—In this subsection, the term “sediment management plan” means a plan for preventing sediment from reducing water storage capacity at a reservoir and increasing water storage capacity through sediment removal at a reservoir.

(2) UPPER MISSOURI RIVER BASIN PILOT PROGRAM.—The Secretary shall carry out a pilot program for the development and implementation of sediment management plans for reservoirs owned and operated by the Secretary in the Upper Missouri River Basin, on request by project beneficiaries.

(3) PLAN ELEMENTS.—A sediment management plan under paragraph (2) shall—

(A) provide opportunities for project beneficiaries and other stakeholders to participate in sediment management decisions;

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

(C) identify preliminary sediment management options, including sediment dikes and dredging;

(D) identify constraints;

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

(F) identify beneficial uses for sediment; and

(G) to the maximum extent practicable, use, develop, and demonstrate innovative, cost-saving technologies, including structural and nonstructural technologies and designs, to manage sediment.

(4) COST SHARE.—The beneficiaries requesting the plan shall share in the cost of development and implementation of a sediment management plan allocated in accordance with the benefits to be received.

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

(6) GUIDANCE.—The Secretary shall use the knowledge gained through the development and implementation of sediment management plans under paragraph (2) to develop guidance for sediment management at other reservoirs.

(7) PARTNERSHIP WITH SECRETARY OF THE INTERIOR.—

(A) IN GENERAL.—The Secretary shall carry out the pilot program established under this subsection in partnership with the Secretary of the Interior, and the program may apply to reservoirs managed or owned by the Bureau of Reclamation on execution of a memorandum of agreement between the Secretary and the Secretary of the Interior establishing the framework for a partnership and the terms and conditions for sharing expertise and resources.

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

(8) OTHER AUTHORITIES NOT AFFECTED.—Nothing in this subsection affects sediment management or the share of costs paid by Federal and non-Federal interests relating to sediment management under any other provision of law (including regulations).

(b) SNOWPACK AND DROUGHT MONITORING.—Section 4003(a) of the Water Resources Re-

form and Development Act of 2014 (Public Law 113-121; 128 Stat. 1311) is amended by adding at the end the following:

“(5) LEAD AGENCY.—The Corps of Engineers shall be the lead agency for carrying out and coordinating the activities described in paragraph (1).”.

SEC. 4004. PUGET SOUND NEARSHORE ECOSYSTEM RESTORATION.

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

SEC. 4005. ICE JAM PREVENTION AND MITIGATION.

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

(b) INCLUSION.—The projects described in subsection (a) may include the development and demonstration of cost-effective technologies and designs developed in consultation with—

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

(2) universities;

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

(4) private organizations.

(c) PILOT PROGRAM.—

(1) AUTHORIZATION.—In addition to the funding authorized under section 205 of the Flood Control Act of 1948 (33 U.S.C. 701s), the Secretary is authorized to expend \$30,000,000 to carry out pilot projects to demonstrate technologies and designs developed in accordance with this section.

(2) PRIORITY.—In carrying out pilot projects under paragraph (1), the Secretary shall give priority to projects in the Upper Missouri River Basin.

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

SEC. 4006. CHESAPEAKE BAY OYSTER RESTORATION.

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

SEC. 4007. NORTH ATLANTIC COASTAL REGION.

Section 4009 of the Water Resources Reform and Development Act of 2014 (Public Law 113-121; 128 Stat. 1316) is amended—

(1) in subsection (a), by striking “conduct a study to determine the feasibility of carrying out projects” and inserting “develop a comprehensive assessment and management plan at Federal expense”;

(2) in subsection (b), by striking the subsection designation and heading and all that follows through “In carrying out the study” and inserting the following:

“(b) ASSESSMENT AND MANAGEMENT PLAN.—In developing the comprehensive assessment and management plan”;

(3) in subsection (c)(1), in the matter preceding subparagraph (A), by striking “identified in the study pursuant to subsection (a)” and inserting “identified in the comprehensive assessment and management plan under this section”.

SEC. 4008. RIO GRANDE.

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

SEC. 4009. TEXAS COASTAL AREA.

In carrying out the Coastal Texas ecosystem protection and restoration study authorized by section 4091 of the Water Resources Development Act of 2007 (Public Law

110-114; 121 Stat. 1187), the Secretary shall consider studies, data, or information developed by the Gulf Coast Community Protection and Recovery District to expedite completion of the study.

SEC. 4010. UPPER MISSISSIPPI AND ILLINOIS RIVERS FLOOD RISK MANAGEMENT.

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

(b) PURPOSE.—The purposes of the study under subsection (a) are—

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

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

(3) to identify opportunities to support environmental sustainability and restoration goals of the Upper Mississippi River and Illinois River floodplain as part of any systemic flood risk management plan; and

(4) to seek opportunities to address, in concert with flood risk management measures, other floodplain specific problems, needs, and opportunities.

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

(1) as appropriate, coordinate with the heads of other appropriate Federal agencies, the Governors of the States within the Upper Mississippi and Illinois River basins, the appropriate levee and drainage districts, nonprofit organizations, and other interested parties;

(2) recommend projects for reconstruction of existing levee systems so as to develop and maintain a comprehensive system for flood risk reduction and floodplain management;

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

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

(5) use, to the maximum extent practicable, any existing plans and data.

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

SEC. 4011. SALTON SEA, CALIFORNIA.

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

(1) in subsection (b)—

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

(B) in paragraph (1)—

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

(ii) in subparagraph (B)—

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

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

(III) in subclause (II), by striking “pilot”;

(C) in paragraph (2), in the matter preceding subparagraph (A), by striking “pilot”;

(D) in paragraph (3)—

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

(ii) by inserting “, Salton Sea Authority, or other non-Federal interest” after “State”;

and

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

SEC. 4012. ADJUSTMENT.

Section 219(f)(25) of the Water Resources Development Act of 1992 (Public Law 102-580; 113 Stat. 336) is amended—

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

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

SEC. 4013. COASTAL RESILIENCY.

(a) IN GENERAL.—Section 4014(b) of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2803a(b)) is amended—

(1) in paragraph (1), by inserting “Indian tribes,” after “nonprofit organizations,”;

(2) by redesignating paragraphs (3) and (4) as paragraphs (4) and (5), respectively; and

(3) by inserting after paragraph (2) the following:

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

(b) INTERAGENCY COORDINATION ON COASTAL RESILIENCY.—

(1) IN GENERAL.—The Secretary shall convene an interagency working group on resilience to extreme weather, which will coordinate research, data, and Federal investments related to sea level rise, resiliency, and vulnerability to extreme weather, including coastal resilience.

(2) CONSULTATION.—The interagency working group convened under paragraph (1) shall—

(A) participate in any activity carried out by an organization authorized by a State to study and issue recommendations on how to address the impacts on Federal assets of recurrent flooding and sea level rise, including providing consultation regarding policies, programs, studies, plans, and best practices relating to recurrent flooding and sea level rise in areas with significant Federal assets; and

(B) share physical, biological, and socioeconomic data among such State organizations, as appropriate.

SEC. 4014. REGIONAL INTERGOVERNMENTAL COLLABORATION ON COASTAL RESILIENCY.

(a) REGIONAL ASSESSMENTS.—

(1) IN GENERAL.—The Secretary may conduct regional assessments of coastal and back bay protection and of Federal and State policies and programs related to coastal water resources, including—

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

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

(C) an evaluation of the performance of existing Federal coastal storm damage reduction, ecosystem restoration, and navigation projects, including recommendations for the improvement of those projects;

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

(E) recommendations for the demonstration of methodologies for resilience through the use of natural and nature-based infrastructure approaches, as appropriate; and

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

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

(A) heads of appropriate Federal agencies;

(B) States that have approved coastal management programs and appropriate agencies of those States;

(C) local governments; and

(D) the private sector.

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

(1) to the maximum extent practicable, use existing research done by Federal, State, regional, local, and private entities to eliminate redundancies and related costs;

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

(A) contributed funds; or

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

(3) enable each District or combination of Districts of the Corps of Engineers that jointly participate in carrying out an assessment under this section to consider regionally appropriate engineering, biological, ecological, social, economic, and other factors in carrying out the assessment.

(c) REPORTS.—The Secretary shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives all reports and recommendations prepared under this section, together with any necessary supporting documentation.

SEC. 4015. SOUTH ATLANTIC COASTAL STUDY.

(a) IN GENERAL.—The Secretary shall conduct a study of the coastal areas located within the geographical boundaries of the South Atlantic Division of the Corps of Engineers to identify the risks and vulnerabilities of those areas to increased hurricane and storm damage as a result of sea level rise.

(b) REQUIREMENTS.—In carrying out the study under subsection (a), the Secretary shall—

(1) conduct a comprehensive analysis of current hurricane and storm damage reduction measures with an emphasis on regional sediment management practices to sustainably maintain or enhance current levels of storm protection;

(2) identify risks and coastal vulnerabilities in the areas affected by sea level rise;

(3) recommend measures to address the vulnerabilities described in paragraph (2); and

(4) develop a long-term strategy for—

(A) addressing increased hurricane and storm damages that result from rising sea levels; and

(B) identifying opportunities to enhance resiliency, increase sustainability, and lower risks in—

(i) populated areas;

(ii) areas of concentrated economic development; and

(iii) areas with vulnerable environmental resources.

(c) CONSULTATION.—The Secretary shall coordinate, as appropriate, with the heads of other Federal departments and agencies, the Governors of the affected States, regional governmental agencies, and units of local government to address coastal impacts resulting from sea level rise.

(d) REPORT.—Not later than 4 years after the date of enactment of this Act, the Secretary shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report recommending specific and detailed actions to address risks and vulnerabilities of the areas described in subsection (a) to increased hurricane and storm damage as a result of sea level rise.

SEC. 4016. KANAWHA RIVER BASIN.

The Secretary shall conduct studies to determine the feasibility of implementing projects for flood risk management, ecosystem restoration, navigation, water supply, recreation, and other water resource related purposes within the Kanawha River Basin, West Virginia, Virginia, and North Carolina.

SEC. 4017. CONSIDERATION OF FULL ARRAY OF MEASURES FOR COASTAL RISK REDUCTION.

(a) DEFINITIONS.—In this section:

(1) NATURAL FEATURE.—The term “natural feature” means a feature that is created through the action of physical, geological, biological, and chemical processes over time.

(2) NATURE-BASED FEATURE.—The term “nature-based feature” means a feature that is created by human design, engineering, and construction to protect, and in concert with, natural processes to provide risk reduction in coastal areas.

(b) REQUIREMENT.—In developing projects for coastal risk reduction, the Secretary shall consider, as appropriate—

(1) natural features;

(2) nature-based features;

(3) nonstructural measures; and

(4) structural measures.

(c) REPORT TO CONGRESS.—

(1) IN GENERAL.—Not later than February 1, 2020, the Secretary shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives a report on the implementation of subsection (b).

(2) CONTENTS.—The report under paragraph (1) shall include, at a minimum, the following:

(A) A description of guidance or instructions issued, and other measures taken, by the Secretary and the Chief of Engineers to implement subsection (b).

(B) An assessment of the costs, benefits, impacts, and trade-offs associated with measures recommended by the Secretary for coastal risk reduction and the effectiveness of those measures.

(C) A description of any statutory, fiscal, or regulatory barriers to the appropriate consideration and use of a full array of measures for coastal risk reduction.

SEC. 4018. WATERFRONT COMMUNITY REVITALIZATION AND RESILIENCY.

(a) FINDINGS.—Congress finds that—

(1) many communities in the United States were developed along waterfronts;

(2) water proximity and access is a recognized economic driver;

(3) water shortages faced by parts of the United States underscore the need to manage water sustainably and restore water quality;

(4) interest in waterfront revitalization and development has grown, while the circumstances driving waterfront development have changed;

(5) waterfront communities face challenges to revitalizing and leveraging water resources, such as outdated development patterns, deteriorated water infrastructure, industrial contamination of soil and sediment, and lack of public access to the waterfront, which are often compounded by overarching economic distress in the community;

(6) public investment in waterfront community development and infrastructure should reflect changing ecosystem conditions and extreme weather projections to ensure strategic, resilient investments;

(7) individual communities have unique priorities, concerns, and opportunities related to waterfront restoration and community revitalization; and

(8) the Secretary of Commerce has unique expertise in Great Lakes and ocean coastal resiliency and economic development.

(b) DEFINITIONS.—In this section:

(1) INDIAN TRIBE.—The term “Indian tribe” has the meaning given the term in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450b).

(2) RESILIENT WATERFRONT COMMUNITY.—The term “resilient waterfront community” means a unit of local government or Indian tribe that is—

(A)(i) bound in part by—

(I) a Great Lake; or

(II) an ocean; or

(ii) bordered or traversed by a riverfront or an inland lake;

(B) self-nominated as a resilient waterfront community; and

(C) designated by the Secretary as a resilient waterfront community on the basis of the development by the community of an eligible resilient waterfront community plan, with eligibility determined by the Secretary after considering the requirements of paragraphs (2) and (3) of subsection (c).

(3) SECRETARY.—The term “Secretary” means the Secretary of Commerce.

(c) RESILIENT WATERFRONT COMMUNITIES DESIGNATION.—

(1) DESIGNATION.—

(A) IN GENERAL.—Subject to subparagraph (B), the Secretary shall designate resilient waterfront communities based on the extent to which a community meets the criteria described in paragraph (2).

(B) COLLABORATION.—For inland lake and riverfront communities, in making the designation described in subparagraph (A), the Secretary shall work with the Administrator of the Environmental Protection Agency and the heads of other Federal agencies, as the Secretary determines to be necessary.

(2) RESILIENT WATERFRONT COMMUNITY PLAN.—A resilient waterfront community plan is a community-driven vision and plan that is developed—

(A) voluntarily at the discretion of the community—

(i) to respond to local needs; or

(ii) to take advantage of new water-oriented opportunities;

(B) with the leadership of the relevant governmental entity or Indian tribe with the active participation of—

(i) community residents;

(ii) utilities; and

(iii) interested business and nongovernmental stakeholders;

(C) as a new document or by amending or compiling community planning documents, as necessary, at the discretion of the Secretary;

(D) in consideration of all applicable Federal and State coastal zone management planning requirements;

(E) to address economic competitive strengths; and

(F) to complement and incorporate the objectives and recommendations of applicable regional economic plans.

(3) COMPONENTS OF A RESILIENT WATERFRONT COMMUNITY PLAN.—A resilient waterfront community plan shall—

(A) consider all, or a portion of, the waterfront area and adjacent land and water to which the waterfront is connected ecologically, economically, or through local governmental or tribal boundaries;

(B) describe a vision and plan for the community to develop as a vital and resilient waterfront community, integrating consideration of—

(i) the economic opportunities resulting from water proximity and access, including—

(I) water-dependent industries;

(II) water-oriented commerce; and

(III) recreation and tourism;

(ii) the community relationship to the water, including—

(I) quality of life;

(II) public health;

(III) community heritage; and

(IV) public access, particularly in areas in which publicly funded ecosystem restoration is underway;

(iii) ecosystem challenges and projections, including unresolved and emerging impacts to the health and safety of the waterfront and projections for extreme weather and water conditions;

(iv) infrastructure needs and opportunities, to facilitate strategic and sustainable capital investments in—

(I) docks, piers, and harbor facilities;

(II) protection against storm surges, waves, and flooding;

(III) stormwater, sanitary sewer, and drinking water systems, including green infrastructure and opportunities to control nonpoint source runoff; and

(IV) other community facilities and private development; and

(v) such other factors as are determined by the Secretary to align with metrics or indicators for resiliency, considering environmental and economic changes.

(4) DURATION.—After the designation of a community as a resilient waterfront community under paragraph (1), a resilient waterfront community plan developed in accordance with paragraphs (2) and (3) may be—

(A) effective for the 10-year period beginning on the date on which the Secretary approves the resilient waterfront community plan; and

(B) updated by the resilient waterfront community and submitted to the Secretary for the approval of the Secretary before the expiration of the 10-year period.

(d) RESILIENT WATERFRONT COMMUNITIES NETWORK.—

(1) IN GENERAL.—The Secretary shall develop and maintain a resilient waterfront communities network to facilitate the sharing of best practices among waterfront communities.

(2) PUBLIC RECOGNITION.—In consultation with designated resilient waterfront communities, the Secretary shall provide formal public recognition of the designated resilient waterfront communities to promote tourism, investment, or other benefits.

(e) WATERFRONT COMMUNITY REVITALIZATION ACTIVITIES.—

(1) IN GENERAL.—To support a community in leveraging other sources of public and private investment, the Secretary may use existing authority to support—

(A) the development of a resilient waterfront community plan, including planning and feasibility analysis; and

(B) the implementation of strategic components of a resilient waterfront community plan after the resilient waterfront community plan has been approved by the Secretary.

(2) NON-FEDERAL PARTNERS.—

(A) LEAD NON-FEDERAL PARTNERS.—A unit of local government or an Indian tribe shall be eligible to be considered as a lead non-Federal partner if the unit of local government or Indian tribe is—

(i) bound in part by—

(I) a Great Lake; or

(II) an ocean; or

(ii) bordered or traversed by a riverfront or an inland lake.

(B) NON-FEDERAL IMPLEMENTATION PARTNERS.—Subject to paragraph (4)(C), a lead non-Federal partner may contract with an eligible non-Federal implementation partner for implementation activities described in paragraph (4)(B).

(3) PLANNING ACTIVITIES.—

(A) IN GENERAL.—Technical assistance may be provided for the development of a resilient waterfront community plan.

(B) ELIGIBLE PLANNING ACTIVITIES.—In developing a resilient waterfront community plan, a resilient waterfront community may—

(i) conduct community visioning and outreach;

(ii) identify challenges and opportunities;

(iii) develop strategies and solutions;

(iv) prepare plan materials, including text, maps, design, and preliminary engineering;

(v) collaborate across local agencies and work with regional, State, and Federal agencies to identify, understand, and develop responses to changing ecosystem and economic circumstances; and

(vi) conduct other planning activities that the Secretary considers necessary for the development of a resilient waterfront community plan that responds to revitalization and resiliency issues confronted by the resilient waterfront community.

(4) IMPLEMENTATION ACTIVITIES.—

(A) IN GENERAL.—Implementation assistance may be provided—

(i) to initiate implementation of a resilient waterfront community plan and facilitate high-quality development, including leveraging local and private sector investment; and

(ii) to address strategic community priorities that are identified in the resilient waterfront community plan.

(B) ASSISTANCE.—Assistance may be provided to advance implementation activities, such as—

(i) site preparation;

(ii) environmental review;

(iii) engineering and design;

(iv) acquiring easements or land for uses such as green infrastructure, public amenities, or assembling development sites;

(v) updates to zoning codes;

(vi) construction of—

(I) public waterfront or boating amenities; and

(II) public spaces;

(vii) infrastructure upgrades to improve coastal resiliency;

(viii) economic and community development marketing and outreach; and

(ix) other activities at the discretion of the Secretary.

(C) IMPLEMENTATION PARTNERS.—

(i) IN GENERAL.—To assist in the completion of implementation activities, a lead non-Federal partner may contract or otherwise collaborate with a non-Federal implementation partner, including—

(I) a nonprofit organization;

(II) a public utility;

(III) a private entity;

(IV) an institution of higher education;

(V) a State government; or

(VI) a regional organization.

(ii) LEAD NON-FEDERAL PARTNER RESPONSIBILITY.—The lead non-Federal partner shall ensure that assistance and resources received by the lead non-Federal partner to advance the resilient waterfront community plan of the lead non-Federal partner and for related activities are used for the purposes of, and in a manner consistent with, any initiative advanced by the Secretary for the purpose of promoting waterfront community revitalization and resiliency.

(5) USE OF NON-FEDERAL RESOURCES.—

(A) IN GENERAL.—A resilient waterfront community receiving assistance under this subsection shall provide non-Federal funds toward completion of planning or implementation activities.

(B) NON-FEDERAL RESOURCES.—Non-Federal funds may be provided by—

(i) 1 or more units of local or tribal government;

- (ii) a State government;
- (iii) a nonprofit organization;
- (iv) a private entity;
- (v) a foundation;
- (vi) a public utility; or
- (vii) a regional organization.

(f) INTERAGENCY AWARENESS.—At regular intervals, the Secretary shall provide a list of resilient waterfront communities to the applicable States and the heads of national and regional offices of interested Federal agencies, including at a minimum—

- (1) the Secretary of Transportation;
- (2) the Secretary of Agriculture;
- (3) the Administrator of the Environmental Protection Agency;
- (4) the Administrator of the Federal Emergency Management Agency;
- (5) the Assistant Secretary of the Army for Civil Works;
- (6) the Secretary of the Interior; and
- (7) the Secretary of Housing and Urban Development.

(g) NO NEW REGULATORY AUTHORITY.—Nothing in this section may be construed as establishing new authority for any Federal agency.

TITLE V—DEAUTHORIZATIONS

SEC. 5001. DEAUTHORIZATIONS.

(a) VALDEZ, ALASKA.—

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

(2) ENTRY BY FEDERAL GOVERNMENT.—The Federal Government may enter on the property referred to in paragraph (1) to carry out any required operation and maintenance of the general navigation features of the project described in paragraph (1).

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

(c) SUTTER BASIN, CALIFORNIA.—

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

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

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

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

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

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

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

(iv) any other Acts relating to the authorization for the Sacramento River and major and minor tributaries project along the Feather River right bank between levee stationing 1483+33 and levee stationing 2368+00.

(d) STONINGTON HARBOR, CONNECTICUT.—The portion of the project for navigation, Stonington Harbor, Connecticut, authorized by the Act of May 23, 1828 (4 Stat. 288; chapter 73) that consists of the inner stone breakwater that begins at coordinates N. 682.146.42, E. 1.231.378.69, running north 83.587 degrees west 166.79' to a point N. 682.165.05, E. 1.231.212.94, running north 69.209 degrees west 380.89' to a point N. 682.300.25, E. 1.230.856.86, is no longer authorized as a Federal project beginning on the date of enactment of this Act.

(e) GREEN RIVER AND BARREN RIVER, KENTUCKY.—

(1) IN GENERAL.—Beginning on the date of enactment of this Act, commercial navigation at the locks and dams identified in the report of the Chief of Engineers entitled “Green River Locks and Dams 3, 4, 5, and 6 and Barren River Lock and Dam 1, Kentucky” and dated April 30, 2015, shall no longer be authorized, and the land and improvements associated with the locks and dams shall be—

(A) disposed of consistent with paragraph (2); and

(B) subject to such terms and conditions as the Secretary determines to be necessary and appropriate in the public interest.

(2) DISPOSITION.—

(A) GREEN RIVER LOCK AND DAM 3.—The Secretary shall convey to the Rochester Dam Regional Water Commission all right, title, and interest of the United States in and to Green River Lock and Dam 3, located in Ohio County and Muhlenberg County, Kentucky, together with any improvements on the land.

(B) GREEN RIVER LOCK AND DAM 4.—The Secretary shall convey to Butler County, Kentucky, all right, title, and interest of the United States in and to Green River Lock and Dam 4, located in Butler County, Kentucky, together with any improvements on the land.

(C) GREEN RIVER LOCK AND DAM 5.—The Secretary shall convey to the State of Kentucky, a political subdivision of the State of Kentucky, or a nonprofit, nongovernmental organization all right, title, and interest of the United States in and to Green River Lock and Dam 5 for the express purposes of—

(i) removing the structure from the river at the earliest feasible time; and

(ii) making the land available for conservation and public recreation, including river access.

(D) GREEN RIVER LOCK AND DAM 6.—

(1) IN GENERAL.—The Secretary shall transfer to the Secretary of the Interior administrative jurisdiction over the portion of Green River Lock and Dam 6, Edmonson County, Kentucky, that is located on the left descending bank of the Green River, together with any improvements on the land, for inclusion in Mammoth Cave National Park.

(ii) TRANSFER TO THE STATE OF KENTUCKY.—The Secretary shall transfer to the State of Kentucky all right, title, and interest of the United States in and to the portion of Green River Lock and Dam 6, Edmonson County, Kentucky, that is located on the right descending bank of the Green River, together with any improvements on the land, for use by the Department of Fish and Wildlife Resources of the State of Kentucky for the purposes of—

(I) removing the structure from the river at the earliest feasible time; and

(II) making the land available for conservation and public recreation, including river access.

(E) BARREN RIVER LOCK AND DAM 1.—The Secretary shall convey to the State of Kentucky, all right, title, and interest of the United States in and to Barren River Lock and Dam 1, located in Warren County, Ken-

tucky, together with any improvements on the land, for use by the Department of Fish and Wildlife Resources of the State of Kentucky for the purposes of—

(i) removing the structure from the river at the earliest feasible time; and

(ii) making the land available for conservation and public recreation, including river access.

(3) CONDITIONS.—

(A) IN GENERAL.—The exact acreage and legal description of any land to be disposed of, transferred, or conveyed under this subsection shall be determined by a survey satisfactory to the Secretary.

(B) QUITCLAIM DEED.—A conveyance under subparagraph (A), (B), (D), or (E) of paragraph (2) shall be accomplished by quitclaim deed and without consideration.

(C) ADMINISTRATIVE COSTS.—The Secretary shall be responsible for all administrative costs associated with a transfer or conveyance under this subsection, including the costs of a survey carried out under subparagraph (A).

(D) REVERSION.—If the Secretary determines that the land transferred or conveyed under this subsection is not used by a non-Federal entity for a purpose that is consistent with the purpose of the transfer or conveyance, all right, title, and interest in and to the land, including any improvements on the land, shall revert, at the discretion of the Secretary, to the United States, and the United States shall have the right of immediate entry onto the land.

(f) PORT OF CASCADE LOCKS, OREGON.—

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

(A) DEFINITION OF FLOWAGE EASEMENT.—In this paragraph, the term “flowage easement” means the flowage easements identified as tracts 302E-1 and 304E-1 on the easement deeds recorded as instruments in Hood River County, Oregon, as follows:

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

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

(B) TERMINATION.—With respect to the properties described in paragraph (2), beginning on the date of enactment of this Act, the flowage easements are terminated above elevation 82.4 feet (NGVD29), the ordinary high water mark.

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

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

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

(3) FEDERAL LIABILITIES; CULTURAL, ENVIRONMENTAL, OTHER REGULATORY REVIEWS.—

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

(B) CULTURAL AND ENVIRONMENTAL REGULATORY ACTIONS.—Nothing in this subsection establishes any cultural or environmental regulation relating to the properties described in paragraph (2).

(4) EFFECT ON OTHER RIGHTS.—Nothing in this subsection affects any remaining right or interest of the Corps of Engineers in the properties described in paragraph (2).

(g) DECLARATIONS OF NON-NAVIGABILITY FOR PORTIONS OF THE DELAWARE RIVER, PHILADELPHIA, PENNSYLVANIA.—

(1) IN GENERAL.—Subject to paragraphs (2) and (3), unless the Secretary determines, after consultation with local and regional public officials (including local and regional project planning organizations), that there are substantive objections, the following portions of the Delaware River, bounded by the former bulkhead and pierhead lines established by the Secretary of War and successors, are declared to be non-navigable waters of the United States:

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

(B) Piers 24 North through 72 North, encompassing an area bounded by the southern line of Callowhill Street extended to the northern line of East Fletcher Street extended, including the following piers: 24, 25, 27-35, 35.5, 36, 37, 38, 39, 49, 51-52, 53-57, 58-65, 66, 67, 69, 70-72, and Rivercenter.

(2) DETERMINATION.—The Secretary shall make the determination under paragraph (1) separately for each portion of the Delaware River described in subparagraphs (A) and (B) of paragraph (1), using reasonable discretion, by not later than 150 days after the date of submission of appropriate plans for that portion.

(3) LIMITS ON APPLICABILITY.—

(A) IN GENERAL.—Paragraph (1) applies only to those parts of the areas described in that paragraph that are or will be bulkheaded and filled or otherwise occupied by permanent structures, including marina and recreation facilities.

(B) OTHER FEDERAL LAWS.—Any work described in subparagraph (A) shall be subject to all applicable Federal law (including regulations), including—

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

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

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

(h) SALT CREEK, GRAHAM, TEXAS.—

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

(2) CERTAIN PROJECT-RELATED CLAIMS.—The non-Federal sponsor for the project described in paragraph (1) shall hold and save the

United States harmless from any claim that has arisen, or that may arise, in connection with the project.

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

(4) REVERSION.—If the Secretary determines that the land that is integral to the project described in paragraph (1) ceases to be owned by the public, all right, title, and interest in and to the land and improvements shall revert, at the discretion of the Secretary, to the United States.

SEC. 5002. CONVEYANCES.

(a) PEARL RIVER, MISSISSIPPI AND LOUISIANA.—

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

(2) TRANSFER.—

(A) IN GENERAL.—Subject to subparagraphs (B) and (C), the Secretary is authorized to convey to a State or local interest, without consideration, all right, title, and interest of the United States in and to—

(i) any land in which the Federal Government has a property interest for the project described in paragraph (1); and

(ii) improvements to the land described in clause (i).

(B) RESPONSIBILITY FOR COSTS.—The transferee shall be responsible for the payment of all costs and administrative expenses associated with any transfer carried out pursuant to subparagraph (A), including costs associated with any land survey required to determine the exact acreage and legal description of the land and improvements to be transferred.

(C) OTHER TERMS AND CONDITIONS.—A transfer under subparagraph (A) shall be subject to such other terms and conditions as the Secretary determines to be necessary and appropriate to protect the interests of the United States.

(3) REVERSION.—If the Secretary determines that the land and improvements conveyed under paragraph (2) ceases to be owned by the public, all right, title, and interest in and to the land and improvements shall revert, at the discretion of the Secretary, to the United States.

(b) SARDIS LAKE, MISSISSIPPI.—

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

necessary and appropriate to protect the interests of the United States.

(2) EASEMENT AND RESTRICTIVE COVENANT.—The conveyance under paragraph (1) shall include—

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

(B) a flowage easement.

(c) PENSACOLA DAM AND RESERVOIR, GRAND RIVER, OKLAHOMA.—

(1) IN GENERAL.—Notwithstanding the Act of June 28, 1938 (52 Stat. 1215, chapter 795), as amended by section 3 of the Act of August 18, 1941 (55 Stat. 645, chapter 377), and notwithstanding section 3 of the Act of July 31, 1946 (60 Stat. 744, chapter 710), the Secretary shall convey, by quitclaim deed and without consideration, to the Grand River Dam Authority, an agency of the State of Oklahoma, for flood control purposes, all right, title, and interest of the United States in and to real property under the administrative jurisdiction of the Secretary acquired in connection with the Pensacola Dam project, together with any improvements on the property.

(2) FLOOD CONTROL PURPOSES.—If any interest in the real property described in paragraph (1) ceases to be managed for flood control or other public purposes and is conveyed to a non-public entity, the transferee, as part of the conveyance, shall pay to the United States the fair market value for the interest.

(3) NO EFFECT.—Nothing in this subsection—

(A) amends, modifies, or repeals any existing authority vested in the Federal Energy Regulatory Commission; or

(B) amends, modifies, or repeals any authority of the Secretary or the Chief of Engineers pursuant to section 7 of the Act of December 22, 1944 (33 U.S.C. 709).

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

TITLE VI—WATER RESOURCES INFRASTRUCTURE

SEC. 6001. AUTHORIZATION OF FINAL FEASIBILITY STUDIES.

The following final feasibility studies for water resources development and conservation and other purposes are authorized to be carried out by the Secretary substantially in accordance with the plan, and subject to the conditions, described in the respective reports designated in this section:

(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

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
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
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

(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
6. CA	West Sacramento	April 26, 2016	Federal: \$776,517,000 Non-Federal: \$414,011,000 Total: \$1,190,528,000
7. CA	American River Watershed Common Features	April 26, 2016	Federal: \$876,478,000 Non-Federal: \$689,272,000 Total: \$1,565,750,000
8. TN	Mill Creek, Nashville	October 15, 2015	Federal: \$17,759,000 Non-Federal: \$10,745,000 Total: \$28,504,000

(3) HURRICANE AND STORM DAMAGE RISK REDUCTION.—

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 Protection 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
6. CA	Encinitas-Solana Beach Coastal Storm Damage Reduction	April 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
7. LA	Southwest Coastal Louisiana	July 29, 2016	Federal: \$2,011,279,000 Non-Federal: \$1,082,997,000 Total: \$3,094,276,000

(4) FLOOD RISK MANAGEMENT AND ENVIRONMENTAL 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 Francisco Bay Shoreline	December 18, 2015	Federal: \$69,521,000 Non-Federal: \$104,379,000 Total: \$173,900,000

(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

A. State	B. Name	C. Date of Report of Chief of Engineers	D. Estimated Costs
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

(6) SPECIAL RULE.—The portion of the Mill Creek Flood Risk Management project authorized by paragraph (2) that consists of measures within the Mill Creek Basin shall be carried out pursuant to section 205 of the Flood Control Act of 1948 (33 U.S.C. 701s).

SEC. 6002. AUTHORIZATION OF PROJECT MODIFICATIONS RECOMMENDED BY THE SECRETARY.

The following project modifications for water resources development and conservation and other purposes are authorized to be

carried out by the Secretary substantially in accordance with the recommendations of the Director of Civil Works, as specified in the reports referred 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: \$97,067,750 Estimated Non-Federal: \$55,465,250 Total: \$152,533,000
2. MO	Blue River Basin	November 6, 2015	Estimated Federal: \$34,860,000 Estimated Non-Federal: \$11,620,000 Total: \$46,480,000
3. FL	Picayune Strand	March 9, 2016	Estimated Federal: \$308,983,000 Estimated Non-Federal: \$308,983,000 Total: \$617,967,000
4. KY	Ohio River Shoreline	March 11, 2016	Estimated Federal: \$20,309,900 Estimated Non-Federal: \$10,936,100 Total: \$31,246,000
5. TX	Houston Ship Channel	May 13, 2016	Estimated Federal: \$381,032,000 Estimated Non-Federal: \$127,178,000 Total: \$508,210,000
6. AZ	Rio de Flag, Flagstaff	June 22, 2016	Estimated Federal: \$65,514,650 Estimated Non-Federal: \$127,178,000 Total: \$192,692,650
7. MO	Swope Park Industrial Area, Blue River	April 21, 2016	Estimated Federal: \$20,205,250 Estimated Non-Federal: \$10,879,750 Total: \$31,085,000

SEC. 6003. AUTHORIZATION OF STUDY AND MODIFICATION PROPOSALS SUBMITTED TO CONGRESS BY THE SECRETARY.

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

(1) by striking “(25 U.S.C. 450b)” each place it appears and inserting “(25 U.S.C. 250b)” and a Native village, Regional Corporation, or Village Corporation (as those terms are defined in section 3 of the Alaska Native Claims Settlement Act (43 U.S.C. 1602)); and

(2) by adding at the end the following:

“(e) CONSIDERATION OF NATIONAL SECURITY INTERESTS.—In carrying out a study of the feasibility of an Arctic deep draft port, the Secretary—

“(1) shall consult with the Secretary of Homeland Security and the Secretary of Defense to identify national security benefits associated with an Arctic deep draft port; and

“(2) if appropriate, as determined by the Secretary, may determine a port described in paragraph (1) is feasible based on the benefits described in that paragraph.”

(b) OUACHITA-BLACK RIVERS, ARKANSAS AND LOUISIANA.—The Secretary shall conduct a study to determine the feasibility of modifying the project for navigation, Ouachita-Black Rivers, authorized by section 101 of the River and Harbor Act of 1960 (Public Law 86-645; 74 Stat. 481) to include bank stabilization and water supply as project purposes.

(c) CACHE CREEK BASIN, CALIFORNIA.—

(1) IN GENERAL.—The Secretary shall prepare a general reevaluation report on the project for flood control, Cache Creek Basin, California, authorized by section 401(a) of the Water Resources Development Act of 1986 (Public Law 99-662; 100 Stat. 4112).

(2) REQUIREMENTS.—In preparing the report under paragraph (1), the Secretary shall identify specific needed modifications to existing project authorities—

(A) to increase basin capacity;

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

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

(d) COYOTE VALLEY DAM, CALIFORNIA.—The Secretary shall conduct a study to determine the feasibility of carrying out a project for flood damage reduction, environmental restoration, and water supply by modifying the Coyote Valley Dam, California.

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

(f) MERCED COUNTY, CALIFORNIA.—The Secretary shall prepare a general reevaluation report on the project for flood control, Merced County streams project, California,

authorized by section 10 of the Act of December 22, 1944 (58 Stat. 900; chapter 665), to investigate the flood risk management opportunities and improve levee performance along Black Rascal Creek and Bear Creek.

(g) MISSION-ZANJA DRAINAGE AREA, CALIFORNIA.—The Secretary shall conduct a study to determine the feasibility of carrying out projects for flood control and ecosystem restoration in the cities of Redlands, Loma Linda, and San Bernardino, California, and unincorporated counties of San Bernardino County, California.

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

(i) DELAWARE BAY COASTLINE, DELAWARE AND NEW JERSEY-ROOSEVELT INLET-LEWES BEACH, DELAWARE.—The Secretary shall conduct a study to determine the feasibility of modifying the project for shoreline protection and ecosystem restoration, Delaware Bay Coastline, Delaware and New Jersey-Roosevelt Inlet-Lewes Beach, Delaware, authorized by section 101(a)(13) of the Water Resources Development Act of 1999 (Public Law 106-53; 113 Stat. 276), to extend the authorized project limit from the current eastward terminus to a distance of 8,000 feet east of the Roosevelt Inlet east jetty.

(j) MISPELLION INLET, CONCH BAR, DELAWARE.—The Secretary shall conduct a study to determine the feasibility of carrying out a project for navigation and shoreline protection at Mispillion Inlet and Conch Bar, Sussex County, Delaware.

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

(l) BRUNSWICK HARBOR, GEORGIA.—The Secretary shall conduct a study to determine the feasibility of modifying the project for navigation, Brunswick Harbor, Georgia, authorized by section 101(a)(19) of the Water Resources and Development Act of 1999 (Public Law 106-53; 113 Stat. 277)—

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

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

(m) SAVANNAH RIVER BELOW AUGUSTA, GEORGIA.—The Secretary shall conduct a study to determine the feasibility of modifying the project for navigation, Savannah River below Augusta, Georgia, authorized by the first section of the Act of July 3, 1930 (46 Stat. 924, chapter 847), to include aquatic ecosystem restoration, water supply, recreation, sediment management, and flood control as project purposes.

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

(o) MISSISSIPPI RIVER SHIP CHANNEL, GULF TO BATON ROUGE, LOUISIANA.—The Secretary shall conduct a study to determine the feasibility of modifying the project for navigation, Mississippi River Ship Channel, Gulf to Baton Rouge, Louisiana, authorized by section 201(a) of the Harbor Development and Navigation Improvement Act of 1986 (Public Law 99-662; 100 Stat. 4090), to deepen the channel approaches and the associated area on the left descending bank of the Mis-

issippi River between mile 98.3 and mile 100.6 Above Head of Passes (AHP) to a depth equal to the Channel.

(p) ST. TAMMANY PARISH GOVERNMENT COMPREHENSIVE COASTAL MASTER PLAN, LOUISIANA.—The Secretary shall conduct a study to determine the feasibility of carrying out projects described in the St. Tammany Parish Comprehensive Coastal Master Plan for flood control, shoreline protection, and ecosystem restoration in St. Tammany Parish, Louisiana.

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

(r) CHAUTAUQUA COUNTY, NEW YORK.—

(1) IN GENERAL.—The Secretary shall conduct a study to determine the feasibility of carrying out projects for flood risk management, navigation, environmental dredging, and ecosystem restoration on the Cattaraugus, Silver Creek, and Chautauqua Lake tributaries in Chautauqua County, New York.

(2) EVALUATION OF POTENTIAL SOLUTIONS.—In conducting the study under paragraph (1), the Secretary shall evaluate potential solutions to flooding from all sources, including flooding that results from ice jams.

(s) DELAWARE RIVER BASIN, NEW YORK, NEW JERSEY, PENNSYLVANIA, DELAWARE.—The Secretary shall conduct a study to determine the feasibility of modifying the operations of the projects for flood control, Delaware River Basin, New York, New Jersey, Pennsylvania, and Delaware, authorized by section 10 of the Flood Control Act of 1946 (60 Stat. 644, chapter 596), and section 203 of the Flood Control Act of 1962 (Public Law 87-874; 76 Stat. 1182), to enhance opportunities for ecosystem restoration and water supply.

(t) CINCINNATI, OHIO.—

(1) REVIEW.—The Secretary shall review the Central Riverfront Park Master Plan, dated December 1999, and the Ohio Riverfront Study, Cincinnati, Ohio, dated August 2002, to determine the feasibility of carrying out flood risk reduction, ecosystem restoration, and recreation components beyond the ecosystem restoration and recreation components that were undertaken pursuant to section 5116 of the Water Resources Development Act of 2007 (Public Law 110-114; 121 Stat. 1238) as a second phase of that project.

(2) AUTHORIZATION.—The project authorized under section 5116 of the Water Resources Development Act of 2007 (Public Law 110-114; 121 Stat. 1238) is modified to authorize the Secretary to undertake the additional flood risk reduction and ecosystem restoration components described in paragraph (1), at a total cost of \$30,000,000, if the Secretary determines that the additional flood risk reduction, ecosystem restoration, and recreation components, considered together, are feasible.

(u) TULSA AND WEST TULSA, ARKANSAS RIVER, OKLAHOMA.—

(1) IN GENERAL.—The Secretary shall conduct a study to determine the feasibility of modifying the projects for flood risk management, Tulsa and West Tulsa, Oklahoma, authorized by section 3 of the Act of August 18, 1941 (55 Stat. 645; chapter 377).

(2) REQUIREMENTS.—

(A) IN GENERAL.—In carrying out the study under paragraph (1), the Secretary shall address project deficiencies, uncertainties, and significant data gaps, including material, construction, and subsurface, which render the project at risk of overtopping, breaching, or system failure.

(B) ADDRESSING DEFICIENCIES.—In addressing deficiencies under subparagraph (A), the Secretary shall incorporate current design standards and efficiency improvements, including the replacement of mechanical and electrical components at pumping stations, if the incorporation does not significantly change the scope, function, or purpose of the project.

(3) PRIORITIZATION TO ADDRESS SIGNIFICANT RISKS.—In any case in which a levee or levee system (as defined in section 9002 of the Water Resources Reform and Development Act of 2007 (33 U.S.C. 3301)) is classified as a Class I or II under the levee safety action classification tool developed by the Corps of Engineers, the Secretary shall expedite the project for budget consideration.

(v) JOHNSTOWN, PENNSYLVANIA.—The Secretary shall conduct a study to determine the feasibility of modifying the project for flood control, Johnstown, Pennsylvania, authorized by the Act of June 22, 1936 (49 Stat. 1570, chapter 688; 50 Stat. 880) (commonly known as the ‘Flood Control Act of 1936’), to include aquatic ecosystem restoration, recreation, sediment management, and increase the level of flood control.

(w) CHACON CREEK, TEXAS.—Notwithstanding any other provision of law (including any resolution of a Committee of Congress), the study conducted by the Secretary described in the resolution adopted by the Committee on Transportation and Infrastructure of the House of Representatives on May 21, 2003, relating to flood damage reduction, environmental restoration and protection, water conservation and supply, water quality, and related purposes in the Rio Grande Watershed below Falcon Dam, shall include the area above Falcon Dam.

(x) CORPUS CHRISTI SHIP CHANNEL, TEXAS.—The Secretary shall conduct a study to determine the feasibility of modifying the project for navigation and ecosystem restoration, Corpus Christi Ship Channel, Texas, authorized by section 1001(40) of the Water Resources Development Act of 2007 (Public Law 110-114; 121 Stat. 1056), to develop and evaluate alternatives that address navigation problems directly affecting the Corpus Christi Ship Channel, La Quinta Channel, and La Quinta Channel Extension, including deepening the La Quinta Channel, 2 turning basins, and the wye at La Quinta Junction.

(y) TRINITY RIVER AND TRIBUTARIES, TEXAS.—

(1) REVIEW.—Not later than 180 days after the date of enactment of this Act, the Secretary shall review the economic analysis of the Center for Economic Development and Research of the University of North Texas entitled ‘Estimated Economic Benefits of the Modified Central City Project (Trinity River Vision) in Fort Worth, Texas’ and dated November 2014.

(2) AUTHORIZATION.—The project for flood control and other purposes on the Trinity River and tributaries, Texas, authorized by the River and Harbor Act of 1965 (Public Law 89-298; 79 Stat. 1091), as modified by section 116 of the Energy and Water Development Appropriations Act, 2005 (Public Law 108-447; 118 Stat. 2944), is further modified to authorize the Secretary to carry out projects described in the recommended plan of the economic analysis described in paragraph (1), if the Secretary determines, based on the review referred to in paragraph (1), that—

(A) the economic analysis and the process by which the economic analysis was developed complies with Federal law (including regulations) applicable to economic analyses for water resources development projects; and

(B) based on the economic analysis, the recommended plan in the supplement to the

final environmental impact statement for the Central City Project, Upper Trinity River entitled "Final Supplemental No. 1" is economically justified.

(3) **LIMITATION.**—The Federal share of the cost of the recommended plan described in paragraph (2) shall not exceed \$520,000,000, of which not more than \$5,500,000 may be expended to carry out recreation features of the project.

(2) **CHINCOTEAGUE ISLAND, VIRGINIA.**—The Secretary shall conduct a study to determine the feasibility of carrying out projects for ecosystem restoration and flood control, Chincoteague Island, Virginia, authorized by section 8 of Public Law 89-195 (16 U.S.C. 459f-7) (commonly known as the "Assateague Island National Seashore Act") for—

(1) assessing the current and future function of the barrier island, inlet, and coastal bay system surrounding Chincoteague Island;

(2) developing an array of options for resource management; and

(3) evaluating the feasibility and cost associated with sustainable protection and restoration areas.

(aa) **BURLEY CREEK WATERSHED, WASHINGTON.**—The Secretary shall conduct a study to determine the feasibility of carrying out projects for flood control and aquatic ecosystem restoration in the Burley Creek Watershed, Washington.

SEC. 6004. EXPEDITED COMPLETION OF REPORTS.

The Secretary shall expedite completion of the reports for the following projects and, if the Secretary determines that a project is justified in the completed report, proceed directly to project preconstruction, engineering, and design in accordance with section 910 of the Water Resources Development Act of 1986 (33 U.S.C. 2287):

(1) The project for navigation, St. George Harbor, Alaska.

(2) The project for flood risk management, Rahway River Basin, New Jersey.

SEC. 6005. EXTENSION OF EXPEDITED CONSIDERATION IN SENATE.

Section 7004(b)(4) of the Water Resources Reform and Development Act of 2014 (Public Law 113-121; 128 Stat. 1374) is amended by striking "2018" and inserting "2020".

TITLE VII—SAFE DRINKING WATER AND CLEAN WATER INFRASTRUCTURE

SEC. 7001. DEFINITION OF ADMINISTRATOR.

In this title, the term "Administrator" means the Administrator of the Environmental Protection Agency.

SEC. 7002. SENSE OF THE SENATE ON APPROPRIATIONS LEVELS AND FINDINGS ON ECONOMIC IMPACTS.

(a) **SENSE OF THE SENATE.**—It is the sense of the Senate that Congress should provide robust funding for the State drinking water treatment revolving loan funds established under section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12) and the State water pollution control revolving funds established under title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.).

(b) **FINDINGS.**—Congress finds, based on an analysis sponsored by the Water Environment Federation and the WaterReuse Association of the nationwide impact of State revolving loan fund spending using the IMPLAN economic model developed by the Federal Government, that, in addition to the public health and environmental benefits, the Federal investment in safe drinking water and clean water provides the following benefits:

(1) Generation of significant Federal tax revenue, as evidenced by the following:

(A) Every dollar of a Federal capitalization grant returns \$0.21 to the general fund of the Treasury in the form of Federal taxes and,

when additional spending from the State revolving loan funds is considered to be the result of leveraging the Federal investment, every dollar of a Federal capitalization grant returns \$0.93 in Federal tax revenue.

(B) A combined \$34,700,000,000 in capitalization grants for the clean water and state drinking water state revolving loan funds described in subsection (a) over a period of 5 years would generate \$7,430,000,000 in Federal tax revenue and, when additional spending from the State revolving loan funds is considered to be the result of leveraging the Federal investment, the Federal investment will result in \$32,300,000,000 in Federal tax revenue during that 5-year period.

(2) An increase in employment, as evidenced by the following:

(A) Every \$1,000,000 in State revolving loan fund spending generates 16 ½ jobs.

(B) \$34,700,000,000 in Federal capitalization grants for State revolving loan funds over a period of 5 years would result in 506,000 jobs.

(3) An increase in economic output:

(A) Every \$1,000,000 in State revolving loan fund spending results in \$2,950,000 in output for the economy of the United States.

(B) \$34,700,000,000 in Federal capitalization grants for State revolving loan funds over a period of 5 years will generate \$102,700,000,000 in total economic output.

Subtitle A—Drinking Water

SEC. 7101. PRECONSTRUCTION WORK.

Section 1452(a)(2) of the Safe Drinking Water Act (42 U.S.C. 300j-12(a)(2)) is amended—

(1) by designating the first, second, third, fourth, and fifth sentences as subparagraphs (A), (B), (D), (E), and (F), respectively;

(2) in subparagraph (B) (as designated by paragraph (1)) by striking "(not)" and inserting "(including expenditures for planning, design, and associated preconstruction activities, including activities relating to the siting of the facility, but not)"; and

(3) by inserting after subparagraph (B) (as designated by paragraph (1)) the following:

"(C) **SALE OF BONDS.**—Funds may also be used by a public water system as a source of revenue (restricted solely to interest earnings of the applicable State loan fund) or security for payment of the principal and interest on revenue or general obligation bonds issued by the State to provide matching funds under subsection (e), if the proceeds of the sale of the bonds will be deposited in the State loan fund."

SEC. 7102. PRIORITY SYSTEM REQUIREMENTS.

Section 1452(b)(3) of the Safe Drinking Water Act (42 U.S.C. 300j-12(b)(3)) is amended—

(1) by redesignating subparagraph (B) as subparagraph (D);

(2) by striking subparagraph (A) and inserting the following:

"(A) **DEFINITION OF RESTRUCTURING.**—In this paragraph, the term "restructuring" means changes in operations (including ownership, cooperative partnerships, asset management, consolidation, and alternative water supply).

"(B) **PRIORITY SYSTEM.**—An intended use plan shall provide, to the maximum extent practicable, that priority for the use of funds be given to projects that—

"(i) address the most serious risk to human health;

"(ii) are necessary to ensure compliance with this title (including requirements for filtration);

"(iii) assist systems most in need on a per-household basis according to State affordability criteria; and

"(iv) improve the sustainability of systems.

"(C) **WEIGHT GIVEN TO APPLICATIONS.**—After determining project priorities under sub-

paragraph (B), an intended use plan shall provide that the State shall give greater weight to an application for assistance by a community water system if the application includes such information as the State determines to be necessary and contains—

"(i) a description of utility management best practices undertaken by a treatment works applying for assistance, including—

"(I) an inventory of assets, including any lead service lines, and a description of the condition of the assets;

"(II) a schedule for replacement of assets;

"(III) a financing plan that factors in all lifecycle costs indicating sources of revenue from ratepayers, grants, bonds, other loans, and other sources to meet the costs; and

"(IV) a review of options for restructuring the public water system;

"(ii) demonstration of consistency with State, regional, and municipal watershed plans;

"(iii) a water conservation plan consistent with guidelines developed for those plans by the Administrator under section 1455(a); and

"(iv) approaches to improve the sustainability of the system, including—

"(I) water efficiency or conservation, including the rehabilitation or replacement of existing leaking pipes;

"(II) use of reclaimed water;

"(III) actions to increase energy efficiency; and

"(IV) implementation of plans to protect source water identified in a source water assessment under section 1453"; and

(3) in subparagraph (D) (as redesignated by paragraph (1)), by striking "periodically" and inserting "at least biennially".

SEC. 7103. ADMINISTRATION OF STATE LOAN FUNDS.

Section 1452(g)(2) of the Safe Drinking Water Act (42 U.S.C. 300j-12(g)(2)) is amended—

(1) in the first sentence, by striking "up to 4 percent of the funds allotted to the State under this section" and inserting "for each fiscal year, an amount that does not exceed the sum of the amount of any fees collected by the State for use in covering reasonable costs of administration of programs under this section, regardless of the source, and an amount equal to the greatest of \$400,000, ½ percent of the current valuation of the fund, or 4 percent of all grant awards to the fund under this section for the fiscal year"; and

(2) by striking "1419," and all that follows through "1993." and inserting "1419."

SEC. 7104. OTHER AUTHORIZED ACTIVITIES.

Section 1452(k) of the Safe Drinking Water Act (42 U.S.C. 300j-12(k)) is amended—

(1) in paragraph (1)(D), by inserting before the period at the end the following: "and the implementation of plans to protect source water identified in a source water assessment under section 1453"; and

(2) in paragraph (2)(E), by inserting after "wellhead protection programs" the following: "and implement plans to protect source water identified in a source water assessment under section 1453".

SEC. 7105. NEGOTIATION OF CONTRACTS.

Section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12) is amended by adding at the end the following:

"(s) **NEGOTIATION OF CONTRACTS.**—For communities with populations of more than 10,000 individuals, a contract to be carried out using funds directly made available by a capitalization grant under this section for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying, mapping, or architectural or related services shall be negotiated in the same manner as—

"(1) a contract for architectural and engineering services is negotiated under chapter 11 of title 40, United States Code; or

“(2) an equivalent State qualifications-based requirement (as determined by the Governor of the State).”.

SEC. 7106. ASSISTANCE FOR SMALL AND DISADVANTAGED COMMUNITIES.

(a) IN GENERAL.—Part E of the Safe Drinking Water Act (42 U.S.C. 300j et seq.) is amended by adding at the end the following: **“SEC. 1459A. ASSISTANCE FOR SMALL AND DISADVANTAGED COMMUNITIES.**

“(a) DEFINITION OF UNDERSERVED COMMUNITY.—In this section:

“(1) IN GENERAL.—The term ‘underserved community’ means a local political subdivision that, as determined by the Administrator, has an inadequate drinking water or wastewater system.

“(2) INCLUSIONS.—The term ‘underserved community’ includes a local political subdivision that, as determined by the Administrator—

“(A) does not have household drinking water or wastewater services; and

“(B) has a drinking water system that fails to meet health-based standards under this Act, including—

“(i) a maximum contaminant level for a primary drinking water contaminant;

“(ii) a treatment technique violation; and

“(iii) an action level exceedance.

“(b) ESTABLISHMENT.—

“(1) IN GENERAL.—The Administrator shall establish a program under which grants are provided to eligible entities for use in carrying out projects and activities the primary purposes of which are to assist public water systems in meeting the requirements of this Act.

“(2) INCLUSIONS.—Projects and activities under paragraph (1) include—

“(A) infrastructure investments necessary to comply with the requirements of this Act,

“(B) assistance that directly and primarily benefits the disadvantaged community on a per-household basis, and

“(C) programs to provide household water quality testing.

“(c) ELIGIBLE ENTITIES.—An entity eligible to receive a grant under this section—

“(1) is—

“(A) a public water system as defined in section 1401;

“(B) a system that is located in an area governed by an Indian Tribe (as defined in section 1401); or

“(C) a State, on behalf of an underserved community; and

“(2) serves a community that, under affordability criteria established by the State under section 1452(d)(3), is determined by the State—

“(A) to be a disadvantaged community;

“(B) to be a community that may become a disadvantaged community as a result of carrying out an eligible activity; or

“(C) to serve a community with a population of less than 10,000 individuals that the Administrator determines does not have the capacity to incur debt sufficient to finance the project under subsection (b).

“(d) PRIORITY.—In prioritizing projects for implementation under this section, the Administrator shall give priority to systems that serve underserved communities.

“(e) LOCAL PARTICIPATION.—In prioritizing projects for implementation under this section, the Administrator shall consult with, and consider the priorities of, affected States, Indian Tribes, and local governments.

“(f) TECHNICAL, MANAGERIAL, AND FINANCIAL CAPABILITY.—The Administrator may provide assistance to increase the technical, managerial, and financial capability of an eligible entity receiving a grant under this section if the Administrator determines that the eligible entity lacks appropriate technical, managerial, and financial capability.

“(g) COST SHARING.—Before carrying out any project under this section, the Administrator shall enter into a binding agreement with 1 or more non-Federal interests that shall require the non-Federal interests—

“(1) to pay not less than 45 percent of the total costs of the project, which may include services, materials, supplies, or other in-kind contributions;

“(2) to provide any land, easements, rights-of-way, and relocations necessary to carry out the project; and

“(3) to pay 100 percent of any operation, maintenance, repair, replacement, and rehabilitation costs associated with the project.

“(h) WAIVER.—The Administrator may waive the requirement to pay the non-Federal share of the cost of carrying out an eligible activity using funds from a grant provided under this section if the Administrator determines that an eligible entity is unable to pay, or would experience significant financial hardship if required to pay, the non-Federal share.

“(i) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section—

“(1) \$230,000,000 for fiscal year 2017; and

“(2) \$300,000,000 for each of fiscal years 2018 through 2021.”.

(b) FUNDING.—Out of any funds in the Treasury not otherwise appropriated, the Secretary of the Treasury shall transfer to the Administrator to provide grants to eligible entities under section 1459A of the Safe Drinking Water Act (as added by subsection (a)), \$20,000,000, to remain available until expended.

SEC. 7107. REDUCING LEAD IN DRINKING WATER.

(a) IN GENERAL.—Part E of the Safe Drinking Water Act (42 U.S.C. 300j et seq.) (as amended by section 7106) is amended by adding at the end the following:

“SEC. 1459B. REDUCING LEAD IN DRINKING WATER.

“(a) DEFINITIONS.—In this section:

“(1) ELIGIBLE ENTITY.—The term ‘eligible entity’ means—

“(A) a community water system;

“(B) a system located in an area governed by an Indian Tribe;

“(C) a nontransient noncommunity water system;

“(D) a qualified nonprofit organization, as determined by the Administrator; and

“(E) a municipality or State, interstate, or intermunicipal agency.

“(2) LEAD REDUCTION PROJECT.—

“(A) IN GENERAL.—The term ‘lead reduction project’ means a project or activity the primary purpose of which is to reduce the level of lead in water for human consumption by—

“(i) replacement of publicly owned lead service lines;

“(ii) testing, planning, or other relevant activities, as determined by the Administrator, to identify and address conditions (including corrosion control) that contribute to increased lead levels in water for human consumption;

“(iii) assistance to low-income homeowners to replace privately owned service lines, pipes, fittings, or fixtures that contain lead; and

“(iv) education of consumers regarding measures to reduce exposure to lead from drinking water or other sources.

“(B) LIMITATION.—The term ‘lead reduction project’ does not include a partial lead service line replacement if, at the conclusion of the service line replacement, drinking water is delivered to a household through a publicly or privately owned portion of a lead service line.

“(3) LOW-INCOME.—The term ‘low-income’, with respect to an individual provided assist-

ance under this section, has such meaning as may be given the term by the head of the municipality or State, interstate, or intermunicipal agency with jurisdiction over the area to which assistance is provided.

“(4) MUNICIPALITY.—The term ‘municipality’ means—

“(A) a city, town, borough, county, parish, district, association, or other public entity established by, or pursuant to, applicable State law; and

“(B) an Indian tribe (as defined in section 4 of the Indian Self-Determination and Education Assistance Act (25 U.S.C. 450b)).

“(b) GRANT PROGRAM.—

“(1) ESTABLISHMENT.—The Administrator shall establish a grant program to provide assistance to eligible entities for lead reduction projects in the United States.

“(2) PRECONDITION.—As a condition of receipt of assistance under this section, before receiving the assistance the eligible entity shall take steps to identify—

“(A) the source of lead in water for human consumption; and

“(B) the means by which the proposed lead reduction project would reduce lead levels in the applicable water system.

“(3) PRIORITY APPLICATION.—In providing grants under this subsection, the Administrator shall give priority to an eligible entity that—

“(A) the Administrator determines, based on affordability criteria established by the State under section 1452(d)(3), to be a disadvantaged community; and

“(B) proposes to—

“(i) carry out a lead reduction project at a public water system or nontransient noncommunity water system that has exceeded the lead action level established by the Administrator at any time during the 3-year period preceding the date of submission of the application of the eligible entity;

“(ii) address lead levels in water for human consumption at a school, daycare, or other facility that primarily serves children or other vulnerable human subpopulation; or

“(iii) address such priority criteria as the Administrator may establish, consistent with the goal of reducing lead levels of concern.

“(4) COST SHARING.—

“(A) IN GENERAL.—Subject to subparagraph (B), the non-Federal share of the total cost of a project funded by a grant under this subsection shall be not less than 20 percent.

“(B) WAIVER.—The Administrator may reduce or eliminate the non-Federal share under subparagraph (A) for reasons of affordability, as the Administrator determines to be appropriate.

“(5) LOW-INCOME ASSISTANCE.—

“(A) IN GENERAL.—Subject to subparagraph (B), an eligible entity may use a grant provided under this subsection to provide assistance to low-income homeowners to carry out lead reduction projects.

“(B) LIMITATION.—The amount of a grant provided to a low-income homeowner under this paragraph shall not exceed the cost of replacement of the privately owned portion of the service line.

“(6) SPECIAL CONSIDERATION FOR LEAD SERVICE LINE REPLACEMENT.—In carrying out lead service line replacement using a grant under this subsection, an eligible entity shall—

“(A) notify customers of the replacement of any publicly owned portion of the lead service line;

“(B) in the case of a homeowner who is not low-income, offer to replace the privately owned portion of the lead service line at the cost of replacement;

“(C) in the case of a low-income homeowner, offer to replace the privately owned portion of the lead service line and any pipes, fitting, and fixtures that contain lead

at a cost that is equal to the difference between—

“(i) the cost of replacement; and

“(ii) the amount of low-income assistance available to the homeowner under paragraph (5);

“(D) notify each customer that a planned replacement of any publicly owned portion of a lead service line that is funded by a grant made under this subsection will not be carried out unless the customer agrees to the simultaneous replacement of the privately owned portion of the lead service line; and

“(E) demonstrate that the eligible entity has considered options for reducing lead in drinking water, including an evaluation of options for corrosion control.

“(C) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section \$60,000,000 for each of fiscal years 2017 through 2021.”

(b) FUNDING.—Out of any funds in the Treasury not otherwise appropriated, the Secretary of the Treasury shall transfer to the Administrator to provide grants to eligible entities under this section under section 1459B of the Safe Drinking Water Act (as added by subsection (a)), \$20,000,000, to remain available until expended.

SEC. 7108. REGIONAL LIAISONS FOR MINORITY, TRIBAL, AND LOW-INCOME COMMUNITIES.

(a) IN GENERAL.—The Administrator shall appoint not fewer than 1 employee in each regional office of the Environmental Protection Agency to serve as a liaison to minority, tribal, and low-income communities in the relevant region.

(b) PUBLIC IDENTIFICATION.—The Administrator shall identify each regional liaison selected under subsection (a) on the website of—

(1) the relevant regional office of the Environmental Protection Agency; and

(2) the Office of Environmental Justice of the Environmental Protection Agency.

SEC. 7109. NOTICE TO PERSONS SERVED.

(a) EXCEEDANCE OF LEAD ACTION LEVEL.—Section 1414(c) of the Safe Drinking Water Act (42 U.S.C. 300g-3(c)) is amended—

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

“(D) Notice of any exceedance of a lead action level or any other prescribed level of lead in a regulation issued under section 1412, including the concentrations of lead found in a monitoring activity.”;

(2) in paragraph (2)—

(A) in subparagraph (C)—

(i) in clause (iii)—

(I) by striking “Administrator or” and inserting “Administrator, the Director of the Centers for Disease Control and Prevention, and, if applicable.”; and

(II) by inserting “and the appropriate State and county health agencies” after “1413”;

(B) by redesignating subparagraphs (D) and (E) as subparagraphs (E) and (F), respectively; and

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

“(D) EXCEEDANCE OF LEAD ACTION LEVEL.—Regulations issued under subparagraph (A) shall specify notification procedures for an exceedance of a lead action level or any other prescribed level of lead in a regulation issued under section 1412.”;

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

(4) by inserting after paragraph (2) the following:

“(3) NOTIFICATION OF THE PUBLIC RELATING TO LEAD.—

“(A) EXCEEDANCE OF LEAD ACTION LEVEL.—Not later than 15 days after the date of an exceedance of a lead action level or any

other prescribed level of lead in a regulation issued under section 1412, the Administrator shall notify the public of the concentrations of lead found in the monitoring activity conducted by the public water system if the public water system or the State does not notify the public of the concentrations of lead found in a monitoring activity.

“(B) RESULTS OF LEAD MONITORING.—

“(i) IN GENERAL.—The Administrator may provide notice of any result of lead monitoring conducted by a public water system to—

“(I) any person that is served by the public water system; or

“(II) the local or State health department of a locality or State in which the public water system is located.

“(ii) FORM OF NOTICE.—The Administrator may provide the notice described in clause (i) by—

“(I) press release; or

“(II) other form of communication, including local media.

“(C) PRIVACY.—Notice to the public shall protect the privacy of individual customer information.”; and

(5) by adding at the end the following:

“(6) STRATEGIC PLAN.—Not later than 120 days after the date of enactment of this paragraph, the Administrator, in collaboration with States and owners and operators of public water systems, shall establish a strategic plan for how the Administrator, a State with primary enforcement responsibility, and the owners and operators of public water systems shall conduct targeted outreach, education, technical assistance, and risk communication to populations affected by lead in a public water system.”.

(b) CONFORMING AMENDMENTS.—Section 1414(c) of the Safe Drinking Water Act (42 U.S.C. 300g-3(c)) is amended—

(1) in paragraph (1)(C), by striking “paragraph (2)(E)” and inserting “paragraph (2)(F)”;

(2) in paragraph (2)(B)(i)(II), by striking “subparagraph (D)” and inserting “subparagraph (E)”;

(3) in paragraph (4)(B) (as redesignated by subsection (a)(3)), in the first sentence, by striking “(D)” and inserting “(E)”.

SEC. 7110. ELECTRONIC REPORTING OF DRINKING WATER DATA.

Section 1414 of the Safe Drinking Water Act (42 U.S.C. 300g-3) is amended by adding at the end the following:

“(j) ELECTRONIC REPORTING OF COMPLIANCE MONITORING DATA.—

“(1) IN GENERAL.—The Administrator shall require electronic submission of available compliance monitoring data, if practicable—

“(A) by public water systems (or a certified laboratory on behalf of a public water system)—

“(i) to the Administrator; or

“(ii) with respect to a public water system in a State that has primary enforcement responsibility under section 1413, to that State; and

“(B) by each State that has primary enforcement responsibility under section 1413 to the Administrator, as a condition on the receipt of funds under this Act.

“(2) CONSIDERATIONS.—In determining whether the requirement referred to in paragraph (1) is practicable, the Administrator shall consider—

“(A) the ability of a public water system (or a certified laboratory on behalf of a public water system) or a State to meet the requirements of sections 3.1 through 3.2000 of title 40, Code of Federal Regulations (or successor regulations);

“(B) information system compatibility;

“(C) the size of the public water system; and

“(D) the size of the community served by the public water system.”.

SEC. 7111. LEAD TESTING IN SCHOOL AND CHILD CARE DRINKING WATER.

(a) IN GENERAL.—Section 1464 of the Safe Drinking Water Act (42 U.S.C. 300j-24) is amended by striking subsection (d) and inserting the following:

“(d) VOLUNTARY SCHOOL AND CHILD CARE LEAD TESTING GRANT PROGRAM.—

“(1) DEFINITIONS.—In this subsection:

“(A) CHILD CARE PROGRAM.—The term ‘child care program’ has the meaning given the term ‘early childhood education program’ in section 103 of the Higher Education Act of 1965 (20 U.S.C. 1003).

“(B) LOCAL EDUCATIONAL AGENCY.—The term ‘local educational agency’ means—

“(i) a local educational agency (as defined in section 8101 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 7801));

“(ii) a tribal education agency (as defined in section 3 of the National Environmental Education Act (20 U.S.C. 5502)); and

“(iii) an operator of a child care program facility licensed under State law.

“(2) ESTABLISHMENT.—

“(A) IN GENERAL.—Not later than 180 days after the date of enactment of the Water Resources Development Act of 2016, the Administrator shall establish a voluntary school and child care lead testing grant program to make grants available to States to assist local educational agencies in voluntary testing for lead contamination in drinking water at schools and child care programs under the jurisdiction of the local educational agencies.

“(B) GRANTS TO LOCAL EDUCATIONAL AGENCIES.—The Administrator may make grants directly available to local educational agencies for the voluntary testing described in subparagraph (A) in—

“(i) any State that does not participate in the voluntary school and child care lead testing grant program established under that subparagraph; and

“(ii) any direct implementation area.

“(3) APPLICATION.—To be eligible to receive a grant under this subsection, a State or local educational agency shall submit to the Administrator an application at such time, in such manner, and containing such information as the Administrator may require.

“(4) LIMITATION ON USE OF FUNDS.—Not more than 4 percent of grant funds accepted under this subsection shall be used to pay the administrative costs of carrying out this subsection.

“(5) GUIDANCE; PUBLIC AVAILABILITY.—As a condition of receiving a grant under this subsection, the State or local educational agency shall ensure that each local educational agency to which grant funds are distributed shall—

“(A) expend grant funds in accordance with—

“(i) the guidance of the Environmental Protection Agency entitled ‘3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance’ and dated October 2006 (or any successor guidance); or

“(ii) applicable State regulations or guidance regarding reducing lead in drinking water in schools and child care programs that is not less stringent than the guidance referred to in clause (i); and

“(B)(i) make available in the administrative offices, and to the maximum extent practicable, on the Internet website, of the local educational agency for inspection by the public (including teachers, other school personnel, and parents) a copy of the results of any voluntary testing for lead contamination in school and child care program drinking water that is carried out with grant funds under this subsection; and

“(ii) notify parent, teacher, and employee organizations of the availability of the results described in clause (i).

“(6) MAINTENANCE OF EFFORT.—If resources are available to a State or local educational agency from any other Federal agency, a State, or a private foundation for testing for lead contamination in drinking water, the State or local educational agency shall demonstrate that the funds provided under this subsection will not displace those resources.

“(7) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this subsection \$20,000,000 for each of fiscal years 2017 through 2021.”

(b) REPEAL.—Section 1465 of the Safe Drinking Water Act (42 U.S.C. 300j-25) is repealed.

SEC. 7112. WATERSENSE PROGRAM.

The Safe Drinking Water Act (42 U.S.C. 300j et seq.) is amended by adding after Part F the following:

“PART G—ADDITIONAL PROVISIONS

“SEC. 1471. WATERSENSE PROGRAM.

“(a) ESTABLISHMENT OF WATERSENSE PROGRAM.—

“(1) IN GENERAL.—There is established within the Agency a voluntary WaterSense program to identify and promote water-efficient products, buildings, landscapes, facilities, processes, and services that, through voluntary labeling of, or other forms of communications regarding, products, buildings, landscapes, facilities, processes, and services while meeting strict performance criteria, sensibly—

“(A) reduce water use;

“(B) reduce the strain on public and community water systems and wastewater and stormwater infrastructure;

“(C) conserve energy used to pump, heat, transport, and treat water; and

“(D) preserve water resources for future generations.

“(2) INCLUSIONS.—The Administrator shall, consistent with this section, identify water-efficient products, buildings, landscapes, facilities, processes, and services, including categories such as—

“(A) irrigation technologies and services;

“(B) point-of-use water treatment devices;

“(C) plumbing products;

“(D) reuse and recycling technologies;

“(E) landscaping and gardening products, including moisture control or water enhancing technologies;

“(F) xeriscaping and other landscape conversions that reduce water use;

“(G) whole house humidifiers; and

“(H) water-efficient buildings or facilities.

“(b) DUTIES.—The Administrator, coordinating as appropriate with the Secretary of Energy, shall—

“(1) establish—

“(A) a WaterSense label to be used for items meeting the certification criteria established in accordance with this section; and

“(B) the procedure, including the methods and means, and criteria by which an item may be certified to display the WaterSense label;

“(2) enhance public awareness regarding the WaterSense label through outreach, education, and other means;

“(3) preserve the integrity of the WaterSense label by—

“(A) establishing and maintaining feasible performance criteria so that products, buildings, landscapes, facilities, processes, and services labeled with the WaterSense label perform as well or better than less water-efficient counterparts;

“(B) overseeing WaterSense certifications made by third parties;

“(C) as determined appropriate by the Administrator, using testing protocols, from

the appropriate, applicable, and relevant consensus standards, for the purpose of determining standards compliance; and

“(D) auditing the use of the WaterSense label in the marketplace and preventing cases of misuse; and

“(4) not more than 6 years after adoption or major revision of any WaterSense specification, review and, if appropriate, revise the specification to achieve additional water savings;

“(5) in revising a WaterSense specification—

“(A) provide reasonable notice to interested parties and the public of any changes, including effective dates, and an explanation of the changes;

“(B) solicit comments from interested parties and the public prior to any changes;

“(C) as appropriate, respond to comments submitted by interested parties and the public; and

“(D) provide an appropriate transition time prior to the applicable effective date of any changes, taking into account the timing necessary for the manufacture, marketing, training, and distribution of the specific water-efficient product, building, landscape, process, or service category being addressed; and

“(6) not later than December 31, 2018, consider for review and revision any WaterSense specification adopted before January 1, 2012.

“(c) TRANSPARENCY.—The Administrator shall, to the maximum extent practicable and not less than annually, regularly estimate and make available to the public the production and relative market shares and savings of water, energy, and capital costs of water, wastewater, and stormwater attributable to the use of WaterSense-labeled products, buildings, landscapes, facilities, processes, and services.

“(d) DISTINCTION OF AUTHORITIES.—In setting or maintaining specifications for Energy Star pursuant to section 324A of the Energy Policy and Conservation Act (42 U.S.C. 6294a), and WaterSense under this section, the Secretary of Energy and Administrator shall coordinate to prevent duplicative or conflicting requirements among the respective programs.

“(e) NO WARRANTY.—A WaterSense label shall not create an express or implied warranty.”

SEC. 7113. WATER SUPPLY COST SAVINGS.

(a) FINDINGS.—Congress finds that—

(1) the United States is facing a drinking water infrastructure funding crisis;

(2) the Environmental Protection Agency projects a shortfall of approximately \$384,000,000,000 in funding for drinking water infrastructure from 2015 to 2035 and this funding challenge is particularly acute in rural communities in the United States;

(3) there are approximately 52,000 community water systems in the United States, of which nearly 42,000 are small community water systems;

(4) the Drinking Water Needs Survey conducted by the Environmental Protection Agency in 2011 placed the shortfall in drinking water infrastructure funding for small communities, which consist of 3,300 or fewer persons, at \$64,500,000,000;

(5) small communities often cannot finance the construction and maintenance of drinking water systems because the cost per resident for the investment would be prohibitively expensive;

(6) drought conditions have placed significant strains on existing surface water supplies;

(7) many communities across the United States are considering the use of groundwater and community well systems to provide drinking water; and

(8) approximately 42,000,000 people in the United States receive drinking water from individual wells and millions more rely on community well systems for drinking water.

(b) SENSE OF THE SENATE.—It is the sense of the Senate that providing rural communities with the knowledge and resources necessary to fully use alternative drinking water systems, including wells and community well systems, can provide safe and affordable drinking water to millions of people in the United States.

(c) DRINKING WATER TECHNOLOGY CLEARINGHOUSE.—The Administrator and the Secretary of Agriculture shall—

(1) update existing programs of the Environmental Protection Agency and the Department of Agriculture designed to provide drinking water technical assistance to include information on cost-effective, innovative, and alternative drinking water delivery systems, including systems that are supported by wells; and

(2) disseminate information on the cost effectiveness of alternative drinking water delivery systems, including wells and well systems, to communities and not-for-profit organizations seeking Federal funding for drinking water systems serving 500 or fewer persons.

(d) WATER SYSTEM ASSESSMENT.—Notwithstanding any other provision of law, in any application for a grant or loan from the Federal Government or a State that is using Federal assistance for a drinking water system serving 500 or fewer persons, a unit of local government or not-for-profit organization shall self-certify that the unit of local government or organization has considered, as an alternative drinking water supply, drinking water delivery systems sourced by publicly owned—

(1) individual wells;

(2) shared wells; and

(3) community wells.

(e) REPORT TO CONGRESS.—Not later than 3 years after the date of enactment of this Act, the Administrator and the Secretary of Agriculture shall submit to Congress a report that describes—

(1) the use of innovative and alternative drinking water systems described in this section;

(2) the range of cost savings for communities using innovative and alternative drinking water systems described in this section; and

(3) the use of drinking water technical assistance programs operated by the Administrator and the Secretary of Agriculture.

SEC. 7114. SMALL SYSTEM TECHNICAL ASSISTANCE.

Section 1452(q) of the Safe Drinking Water Act (42 U.S.C. 300j-12(q)) is amended by striking “appropriated” and all that follows through “2003” and inserting “made available for each of fiscal years 2016 through 2021”.

SEC. 7115. DEFINITION OF INDIAN TRIBE.

Section 1401(14) of the Safe Drinking Water Act (42 U.S.C. 300(f)(14)) is amended by striking “section 1452” and inserting “sections 1452, 1459A, and 1459B”.

SEC. 7116. TECHNICAL ASSISTANCE FOR TRIBAL WATER SYSTEMS.

(a) TECHNICAL ASSISTANCE.—Section 1442(e)(7) of the Safe Drinking Water Act (42 U.S.C. 300j-1(e)(7)) is amended by striking “Tribes” and inserting “tribes, including grants to provide training and operator certification services under section 1452(i)(5)”.

(b) INDIAN TRIBES.—Section 1452(i) of the Safe Drinking Water Act (42 U.S.C. 300j-12(i)) is amended—

(1) in paragraph (1), in the first sentence, by striking “Tribes and Alaska Native villages” and inserting “tribes, Alaska Native

villages, and, for the purpose of carrying out paragraph (5), intertribal consortia or tribal organizations"; and

(2) by adding at the end the following:

"(5) TRAINING AND OPERATOR CERTIFICATION.—

"(A) IN GENERAL.—The Administrator may use funds made available under this subsection and section 1442(e)(7) to make grants to intertribal consortia or tribal organizations for the purpose of providing operations and maintenance training and operator certification services to Indian tribes.

"(B) ELIGIBLE TRIBAL ORGANIZATIONS.—An intertribal consortium or tribal organization eligible for a grant under subparagraph (A) is an intertribal consortium or tribal organization that—

"(i) is the most qualified to provide training and technical assistance to Indian tribes; and

"(ii) Indian tribes determine to be the most beneficial and effective."

SEC. 7117. REQUIREMENT FOR THE USE OF AMERICAN MATERIALS.

Section 1452(a) of the Safe Drinking Water Act (42 U.S.C. 300j-12(a)) is amended by adding at the end the following:

"(4) REQUIREMENT FOR THE USE OF AMERICAN MATERIALS.—

"(A) DEFINITION OF IRON AND STEEL PRODUCTS.—In this paragraph, the term 'iron and steel products' means the following products made, in part, of iron or steel:

"(i) Lined or unlined pipe and fittings.

"(ii) Manhole covers and other municipal castings.

"(iii) Hydrants.

"(iv) Tanks.

"(v) Flanges.

"(vi) Pipe clamps and restraints.

"(vii) Valves.

"(viii) Structural steel.

"(ix) Reinforced precast concrete.

"(x) Construction materials.

"(B) REQUIREMENT.—Except as provided in subparagraph (C), funds made available by a State loan fund authorized under this section may not be used for a project for the construction, alteration, maintenance, or repair of a public water system unless all the iron and steel products used in the project are produced in the United States.

"(C) EXCEPTION.—Subparagraph (B) shall not apply in any case or category of cases in which the Administrator finds that—

"(i) applying subparagraph (B) would be inconsistent with the public interest;

"(ii) iron and steel products are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or

"(iii) inclusion of iron and steel products produced in the United States will increase the cost of the overall product by more than 25 percent.

"(D) PUBLIC NOTICE; WRITTEN JUSTIFICATION.—

"(i) PUBLIC NOTICE.—If the Administrator receives a request for a waiver under this paragraph, the Administrator shall—

"(I) make available to the public on an informal basis, including on the public website of the Administrator—

"(aa) a copy of the request; and

"(bb) any information available to the Administrator regarding the request; and

"(II) provide notice of, and opportunity for informal public comment on, the request for a period of not less than 15 days before making a finding under subparagraph (C).

"(ii) WRITTEN JUSTIFICATION.—If, after the period provided under clause (i), the Administrator makes a finding under subparagraph (C), the Administrator shall publish in the Federal Register a written justification as to why subparagraph (B) is being waived.

"(E) APPLICATION.—This paragraph shall be applied in a manner consistent with United States obligations under international agreements.

"(F) MANAGEMENT AND OVERSIGHT.—The Administrator may use not more than 0.25 percent of any funds made available to carry out this title for management and oversight of the requirements of this paragraph."

Subtitle B—Clean Water

SEC. 7201. SEWER OVERFLOW CONTROL GRANTS.

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

(1) in subsection (a), by striking the subsection designation and heading and all that follows through "subject to subsection (g), the Administrator may" in paragraph (2) and inserting the following:

"(a) AUTHORITY.—The Administrator may—

"(1) make grants to States for the purpose of providing grants to a municipality or municipal entity for planning, designing, and constructing—

"(A) treatment works to intercept, transport, control, or treat municipal combined sewer overflows and sanitary sewer overflows; and

"(B) measures to manage, reduce, treat, or recapture stormwater or subsurface drainage water; and

"(2) subject to subsection (g)";

(2) in subsection (b)—

(A) in paragraph (1), by striking the semicolon at the end and inserting "; or";

(B) by striking paragraphs (2) and (3); and

(C) by redesignating paragraph (4) as paragraph (2);

(3) by striking subsections (e) through (g) and inserting the following:

"(e) ADMINISTRATIVE REQUIREMENTS.—

"(1) IN GENERAL.—Subject to paragraph (2), a project that receives grant assistance under subsection (a) shall be carried out subject to the same requirements as a project that receives assistance from a State water pollution control revolving fund established pursuant to title VI.

"(2) DETERMINATION OF GOVERNOR.—The requirement described in paragraph (1) shall not apply to a project that receives grant assistance under subsection (a) to the extent that the Governor of the State in which the project is located determines that a requirement described in title VI is inconsistent with the purposes of this section.

"(f) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section, to remain available until expended—

"(1) \$250,000,000 for fiscal year 2017;

"(2) \$300,000,000 for fiscal year 2018;

"(3) \$350,000,000 for fiscal year 2019;

"(4) \$400,000,000 for fiscal year 2020; and

"(5) \$500,000,000 for fiscal year 2021.

"(g) ALLOCATION OF FUNDS.—

"(1) FISCAL YEAR 2017 AND 2018.—For each of fiscal years 2017 and 2018, subject to subsection (h), the Administrator shall use the amounts made available to carry out this section to provide grants to municipalities and municipal entities under subsection (a)(2)—

"(A) in accordance with the priority criteria described in subsection (b); and

"(B) with additional priority given to proposed projects that involve the use of—

"(i) nonstructural, low-impact development;

"(ii) water conservation, efficiency, or reuse; or

"(iii) other decentralized stormwater or wastewater approaches to minimize flows into the sewer systems.

"(2) FISCAL YEAR 2019 AND THEREAFTER.—For fiscal year 2019 and each fiscal year thereafter, subject to subsection (h), the Ad-

ministrator shall use the amounts made available to carry out this section to provide grants to States under subsection (a)(1) in accordance with a formula that—

"(A) shall be established by the Administrator, after providing notice and an opportunity for public comment; and

"(B) allocates to each State a proportional share of the amounts based on the total needs of the State for municipal combined sewer overflow controls and sanitary sewer overflow controls, as identified in the most recent survey—

"(i) conducted under section 210; and

"(ii) included in a report required under section 516(b)(1)(B)."; and

(4) by striking subsection (i).

SEC. 7202. SMALL AND MEDIUM TREATMENT WORKS.

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

"SEC. 222. TECHNICAL ASSISTANCE FOR SMALL AND MEDIUM TREATMENT WORKS.

"(a) DEFINITIONS.—In this section:

"(1) MEDIUM TREATMENT WORKS.—The term 'medium treatment works' means a publicly owned treatment works serving not fewer than 10,001 and not more than 100,000 individuals.

"(2) QUALIFIED NONPROFIT MEDIUM TREATMENT WORKS TECHNICAL ASSISTANCE PROVIDER.—The term 'qualified nonprofit medium treatment works technical assistance provider' means a qualified nonprofit technical assistance provider of water and wastewater services to medium-sized communities that provides technical assistance (including circuit rider technical assistance programs, multi-State, regional assistance programs, and training and preliminary engineering evaluations) to owners and operators of medium treatment works, which may include State agencies.

"(3) QUALIFIED NONPROFIT SMALL TREATMENT WORKS TECHNICAL ASSISTANCE PROVIDER.—The term 'qualified nonprofit small treatment works technical assistance provider' means a nonprofit organization that, as determined by the Administrator—

"(A) is the most qualified and experienced in providing training and technical assistance to small treatment works; and

"(B) the small treatment works in the State finds to be the most beneficial and effective.

"(4) SMALL TREATMENT WORKS.—The term 'small treatment works' means a publicly owned treatment works serving not more than 10,000 individuals.

"(b) TECHNICAL ASSISTANCE.—The Administrator may use amounts made available to carry out this section to provide grants or cooperative agreements to qualified nonprofit small treatment works technical assistance providers and grants or cooperative agreements to qualified nonprofit medium treatment works technical assistance providers to provide to owners and operators of small and medium treatment works onsite technical assistance, circuit-rider technical assistance programs, multi-State, regional technical assistance programs, and onsite and regional training, to assist the treatment works in achieving compliance with this Act or obtaining financing under this Act for eligible projects.

"(c) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section—

"(1) for grants for small treatment works technical assistance, \$15,000,000 for each of fiscal years 2017 through 2021; and

"(2) for grants for medium treatment works technical assistance, \$10,000,000 for each of fiscal years 2017 through 2021."

(b) WATER POLLUTION CONTROL REVOLVING LOAN FUNDS.—

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

(A) in subsection (d)—

(i) in the matter preceding paragraph (1), by inserting “and as provided in subsection (e)” after “State law”;

(ii) by redesignating subsections (e) through (j) as subsections (f) through (j), respectively; and

(iii) by inserting after subsection (d) the following:

“(e) ADDITIONAL USE OF FUNDS.—A State may use an additional 2 percent of the funds annually allotted to the State under this section for qualified nonprofit small treatment works technical assistance providers and qualified nonprofit medium treatment works technical assistance providers (as those terms are defined in section 222) to provide technical assistance to small treatment works and medium treatment works (as those terms are defined in section 222) in the State.”.

(2) CONFORMING AMENDMENT.—Section 221(d) of the Federal Water Pollution Control Act (33 U.S.C. 1301(d)) is amended by striking “section 603(h)” and inserting “section 603(i)”.

SEC. 7203. INTEGRATED PLANS.

(a) INTEGRATED PLANS.—Section 402 of the Federal Water Pollution Control Act (33 U.S.C. 1342) is amended by adding at the end the following:

“(s) INTEGRATED PLAN PERMITS.—

“(1) DEFINITIONS.—In this subsection:

(A) GREEN INFRASTRUCTURE.—The term ‘green infrastructure’ means the range of measures that use plant or soil systems, permeable pavement or other permeable surfaces or substrates, stormwater harvest and reuse, or landscaping to store, infiltrate, or evapotranspire stormwater and reduce flows to sewer systems or to surface waters.

(B) INTEGRATED PLAN.—The term ‘integrated plan’ has the meaning given in Part III of the Integrated Municipal Stormwater and Wastewater Planning Approach Framework, issued by the Environmental Protection Agency and dated June 5, 2012.

(C) MUNICIPAL DISCHARGE.—

(i) IN GENERAL.—The term ‘municipal discharge’ means a discharge from a treatment works (as defined in section 212) or a discharge from a municipal storm sewer under subsection (p).

(ii) INCLUSION.—The term ‘municipal discharge’ includes a discharge of wastewater or storm water collected from multiple municipalities if the discharge is covered by the same permit issued under this section.

(2) INTEGRATED PLAN.—

(A) IN GENERAL.—The Administrator (or a State, in the case of a permit program approved under subsection (b)) shall inform a municipal permittee or multiple municipal permittees of the opportunity to develop an integrated plan.

(B) SCOPE OF PERMIT INCORPORATING INTEGRATED PLAN.—A permit issued under this subsection that incorporates an integrated plan may integrate all requirements under this Act addressed in the integrated plan, including requirements relating to—

(i) a combined sewer overflow;

(ii) a capacity, management, operation, and maintenance program for sanitary sewer collection systems;

(iii) a municipal stormwater discharge;

(iv) a municipal wastewater discharge; and

(v) a water quality-based effluent limitation to implement an applicable wasteload allocation in a total maximum daily load.

(3) COMPLIANCE SCHEDULES.—

“(A) IN GENERAL.—A permit for a municipal discharge by a municipality that incorporates an integrated plan may include a schedule of compliance, under which actions taken to meet any applicable water quality-based effluent limitation may be implemented over more than 1 permit term if the compliance schedules are authorized by State water quality standards.

“(B) INCLUSION.—Actions subject to a compliance schedule under subparagraph (A) may include green infrastructure if implemented as part of a water quality-based effluent limitation.

“(C) REVIEW.—A schedule of compliance may be reviewed each time the permit is renewed.

“(4) EXISTING AUTHORITIES RETAINED.—

(A) APPLICABLE STANDARDS.—Nothing in this subsection modifies any obligation to comply with applicable technology and water quality-based effluent limitations under this Act.

(B) FLEXIBILITY.—Nothing in this subsection reduces or eliminates any flexibility available under this Act, including the authority of—

(i) a State to revise a water quality standard after a use attainability analysis under section 131.10(g) of title 40, Code of Federal Regulations (as in effect on the date of enactment of this subsection), subject to the approval of the Administrator under section 303(c); and

(ii) the Administrator or a State to authorize a schedule of compliance that extends beyond the date of expiration of a permit term if the schedule of compliance meets the requirements of section 122.47 of title 40, Code of Federal Regulations (as in effect on the date of enactment of this subsection).

“(5) CLARIFICATION OF STATE AUTHORITY.—

(A) IN GENERAL.—Nothing in section 301(b)(1)(C) precludes a State from authorizing in the water quality standards of the State the issuance of a schedule of compliance to meet water quality-based effluent limitations in permits that incorporate provisions of an integrated plan.

(B) TRANSITION RULE.—In any case in which a discharge is subject to a judicial order or consent decree as of the date of enactment of the Water Resources Development Act of 2016 resolving an enforcement action under this Act, any schedule of compliance issued pursuant to an authorization in a State water quality standard shall not revise or otherwise affect a schedule of compliance in that order or decree unless the order or decree is modified by agreement of the parties and the court.”.

(b) MUNICIPAL OMBUDSMAN.—

(1) ESTABLISHMENT.—There is established within the Office of the Administrator an Office of the Municipal Ombudsman.

(2) GENERAL DUTIES.—The duties of the municipal ombudsman shall include the provision of—

(A) technical assistance to municipalities seeking to comply with the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.) and the Safe Drinking Water Act (42 U.S.C. 300f et seq.); and

(B) information to the Administrator to help the Administrator ensure that agency policies are implemented by all offices of the Environmental Protection Agency, including regional offices.

(3) ACTIONS REQUIRED.—The municipal ombudsman shall work with appropriate offices at the headquarters and regional offices of the Environmental Protection Agency to ensure that the municipality seeking assistance is provided information—

(A) about available Federal financial assistance for which the municipality is eligible;

(B) about flexibility available under the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.) and, if applicable, the Safe Drinking Water Act (42 U.S.C. 300f et seq.); and

(C) regarding the opportunity to develop an integrated plan, as defined in section 402(s)(1)(B) of the Federal Water Pollution Control Act (as added by subsection (a)).

(4) PRIORITY.—In carrying out paragraph (3), the municipal ombudsman shall give priority to any municipality that demonstrates affordability concerns relating to compliance with the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.) or the Safe Drinking Water Act (42 U.S.C. 300f et seq.).

(5) INFORMATION SHARING.—The municipal ombudsman shall publish on the website of the Environmental Protection Agency—

(A) general information relating to—

(i) the technical assistance referred to in paragraph (2)(A);

(ii) the financial assistance referred to in paragraph (3)(A);

(iii) the flexibility referred to in paragraph 3(B); and

(iv) any resources related to integrated plans developed by the Administrator; and

(B) a copy of each permit, order, or judicial consent decree that implements or incorporates an integrated plan.

(c) MUNICIPAL ENFORCEMENT.—Section 309 of the Federal Water Pollution Control Act (33 U.S.C. 1319) is amended by adding at the end the following:

“(h) IMPLEMENTATION OF INTEGRATED PLANS THROUGH ENFORCEMENT TOOLS.—

(1) IN GENERAL.—In conjunction with an enforcement action under subsection (a) or (b) relating to municipal discharges, the Administrator shall inform a municipality of the opportunity to develop an integrated plan, as defined in section 402(s).

(2) MODIFICATION.—Any municipality under an administrative order under subsection (a) or settlement agreement (including a judicial consent decree) under subsection (b) that has developed an integrated plan consistent with section 402(s) may request a modification of the administrative order or settlement agreement based on that integrated plan.”.

(d) REPORT TO CONGRESS.—Not later than 2 years after the date of enactment of this Act, the Administrator shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives and make publicly available a report on each integrated plan developed and implemented through a permit, order, or judicial consent decree since the date of publication of the “Integrated Municipal Stormwater and Wastewater Planning Approach Framework” issued by the Environmental Protection Agency and dated June 5, 2012, including a description of the control measures, levels of control, estimated costs, and compliance schedules for the requirements implemented through an integrated plan.

SEC. 7204. GREEN INFRASTRUCTURE PROMOTION.

Title V of the Federal Water Pollution Control Act (33 U.S.C. 1361 et seq.) is amended—

(1) by redesignating section 519 (33 U.S.C. 1251 note) as section 520; and

(2) by inserting after section 518 (33 U.S.C. 1377) the following:

“SEC. 519. ENVIRONMENTAL PROTECTION AGENCY GREEN INFRASTRUCTURE PROMOTION.

“(a) IN GENERAL.—The Administrator shall ensure that the Office of Water, the Office of Enforcement and Compliance Assurance, the Office of Research and Development, and the

Office of Policy of the Environmental Protection Agency promote the use of green infrastructure in and coordinate the integration of green infrastructure into, permitting programs, planning efforts, research, technical assistance, and funding guidance.

“(b) DUTIES.—The Administrator shall ensure that the Office of Water—

“(1) promotes the use of green infrastructure in the programs of the Environmental Protection Agency; and

“(2) coordinates efforts to increase the use of green infrastructure with—

“(A) other Federal departments and agencies;

“(B) State, tribal, and local governments; and

“(C) the private sector.

“(c) REGIONAL GREEN INFRASTRUCTURE PROMOTION.—The Administrator shall direct each regional office of the Environmental Protection Agency, as appropriate based on local factors, and consistent with the requirements of this Act, to promote and integrate the use of green infrastructure within the region that includes—

“(1) outreach and training regarding green infrastructure implementation for State, tribal, and local governments, tribal communities, and the private sector; and

“(2) the incorporation of green infrastructure into permitting and other regulatory programs, codes, and ordinance development, including the requirements under consent decrees and settlement agreements in enforcement actions.

“(d) GREEN INFRASTRUCTURE INFORMATION-SHARING.—The Administrator shall promote green infrastructure information-sharing, including through an Internet website, to share information with, and provide technical assistance to, State, tribal, and local governments, tribal communities, the private sector, and the public regarding green infrastructure approaches for—

“(1) reducing water pollution;

“(2) protecting water resources;

“(3) complying with regulatory requirements; and

“(4) achieving other environmental, public health, and community goals.”

SEC. 7205. FINANCIAL CAPABILITY GUIDANCE.

(a) DEFINITIONS.—In this section:

(1) AFFORDABILITY.—The term “affordability” means, with respect to payment of a utility bill, a measure of whether an individual customer or household can pay the bill without undue hardship or unreasonable sacrifice in the essential lifestyle or spending patterns of the individual or household, as determined by the Administrator.

(2) FINANCIAL CAPABILITY.—The term “financial capability” means the financial capability of a community to make investments necessary to make water quality or drinking water improvements.

(3) GUIDANCE.—The term “guidance” means the guidance published by the Administrator entitled “Combined Sewer Overflows—Guidance for Financial Capability Assessment and Schedule Development” and dated February 1997, as applicable to the combined sewer overflows and sanitary sewer overflows guidance published by the Administrator entitled “Financial Capability Assessment Framework” and dated November 24, 2014.

(b) USE OF MEDIAN HOUSEHOLD INCOME.—The Administrator shall not use median household income as the sole indicator of affordability for a residential household.

(c) REVISED GUIDANCE.—

(1) IN GENERAL.—Not later than 1 year after the date of completion of the National Academy of Public Administration study to establish a definition and framework for community affordability required by Senate Report 114-70, accompanying S. 1645 (114th Con-

gress), the Administrator shall revise the guidance described in subsection (a)(3).

(2) USE OF GUIDANCE.—Beginning on the date on which the revised guidance referred to in paragraph (1) is finalized, the Administrator shall use the revised guidance in lieu of the guidance described in subsection (a)(3).

(d) CONSIDERATION AND CONSULTATION.—

(1) CONSIDERATION.—In revising the guidance, the Administrator shall consider—

(A) the recommendations of the study referred to in subsection (c) and any other relevant study, as determined by the Administrator;

(B) local economic conditions, including site-specific local conditions that should be taken into consideration in analyzing financial capability;

(C) other essential community investments;

(D) potential adverse impacts on distressed populations, including the percentage of low-income ratepayers within the service area of a utility and impacts in communities with disparate economic conditions throughout the entire service area of a utility;

(E) the degree to which rates of low-income consumers would be affected by water infrastructure investments and the use of rate structures to address the rates of low-income consumers;

(F) an evaluation of an array of factors, the relative importance of which may vary across regions and localities; and

(G) the appropriate weight for economic, public health, and environmental benefits associated with improved water quality.

(2) CONSULTATION.—Any revised guidance issued to replace the guidance shall be developed in consultation with stakeholders.

(e) PUBLICATION AND SUBMISSION.—

(1) IN GENERAL.—On completion of the revision of the guidance, the Administrator shall publish in the Federal Register and submit to the Committee on Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure of the House of Representatives the revised guidance.

(2) EXPLANATION.—If the Administrator makes a determination not to follow 1 or more recommendations of the study referred to in subsection (c)(1), the Administrator shall include in the publication and submission under paragraph (1) an explanation of that decision.

(f) EFFECT.—Nothing in this section preempts or interferes with any obligation to comply with any Federal law, including the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.).

Subtitle C—Innovative Financing and Promotion of Innovative Technologies

SEC. 7301. WATER INFRASTRUCTURE PUBLIC-PRIVATE PARTNERSHIP PILOT PROGRAM.

Section 5014(c) of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 2201 note; Public Law 113-121) is amended by striking “Any activity undertaken under this section is authorized only to the extent” and inserting “Nothing in this section obligates the Secretary to expend funds unless”.

SEC. 7302. WATER INFRASTRUCTURE FINANCE AND INNOVATION.

(a) AUTHORITY TO PROVIDE ASSISTANCE.—Section 5023(b)(2) of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3902(b)(2)) is amended by striking “carry out” and inserting “provide financial assistance to carry out”.

(b) PROJECTS ELIGIBLE FOR ASSISTANCE.—

(1) IN GENERAL.—Section 5026 of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3905) is amended—

(A) in paragraph (6)—

(i) by striking “desalination project” and inserting “desalination project, including chloride control”; and

(ii) by striking “or a water recycling project” and inserting “a water recycling project, or a project to provide alternative water supplies to reduce aquifer depletion”;

(B) by redesignating paragraphs (7), (8), and (9) as paragraphs (8), (9), and (10), respectively;

(C) by inserting after paragraph (6) the following:

“(7) A project to prevent, reduce, or mitigate the effects of drought, including projects that enhance the resilience of drought-stricken watersheds.”; and

(D) in paragraph (10) (as redesignated by subparagraph (B)), by striking “or (7)” and inserting “(7), or (8)”.

(2) CONFORMING AMENDMENTS.—

(A) Section 5023(b) of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3902(b)) is amended—

(i) in paragraph (2), by striking “and (8)” and inserting “(7), and (9)”; and

(ii) in paragraph (3), by striking “paragraph (7) or (9)” and inserting “paragraph (8) or (10)”.

(B) Section 5024(b) of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3903(b)) is amended by striking “paragraph (8) or (9)” and inserting “paragraph (9) or (10)”.

(C) Section 5027(3) of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3906(3)) is amended by striking “section 5026(7)” and inserting “section 5026(8)”.

(D) Section 5028 of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3907) is amended—

(i) in subsection (a)(1)(E)—

(I) by striking “section 5026(9)” and inserting “section 5026(10)”; and

(II) by striking “section 5026(8)” and inserting “section 5026(9)”; and

(ii) in subsection (b)(3), by striking “section 5026(8)” and inserting “section 5026(9)”.

(c) TERMS AND CONDITIONS.—Section 5029(b) of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3908(b)) is amended—

(1) in paragraph (7)—

(A) by striking “The Secretary” and inserting the following:

“(A) IN GENERAL.—Except as provided in subparagraph (B), the Secretary”; and

(B) by adding at the end the following:

“(B) FINANCING FEES.—On request of an eligible entity, the Secretary or the Administrator, as applicable, shall allow the fees under subparagraph (A) to be financed as part of the loan.”; and

(2) by adding at the end the following:

“(10) CREDIT.—Any eligible project costs incurred and the value of any integral in-kind contributions made before receipt of assistance under this subtitle shall be credited toward the 51 percent of project costs to be provided by sources of funding other than a secured loan under this subtitle (as described in paragraph (2)(A)).”

(d) REMOVAL OF PILOT DESIGNATION.—

(1) Subtitle C of title V of the Water Resources Reform and Development Act of 2014 (33 U.S.C. 3901 et seq.) is amended by striking the subtitle designation and heading and inserting the following:

“Subtitle C—Innovative Financing Projects”.

(2) Section 5023 of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3092) is amended by striking “pilot” each place it appears.

(3) Section 5034 of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3913) is amended by striking the section designation and heading and inserting the following:

“SEC. 5034. REPORTS ON PROGRAM IMPLEMENTATION.”

(4) The table of contents for the Water Resources Reform and Development Act of 2014 (Public Law 113-121) is amended—

(A) by striking the item relating to subtitle C of title V and inserting the following:

“Subtitle C—Innovative Financing Projects”; and

(B) by striking the item relating to section 5034 and inserting the following:

“Sec. 5034. Reports on program implementation.”

(e) SENSE OF THE SENATE.—It is the sense of the Senate that—

(1) appropriations made available to carry out the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3901 et seq.) should be in addition to robust funding for the State water pollution control revolving funds established under title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.) and State drinking water treatment revolving loan funds established under section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12); and

(2) the appropriations made available for the funds referred to in paragraph (1) should not decrease for any fiscal year.

SEC. 7303. WATER INFRASTRUCTURE INVESTMENT TRUST FUND.

(a) CREATION OF TRUST FUND.—There is established in the Treasury of the United States a trust fund to be known as the “Water Infrastructure Investment Trust Fund” (referred to in this section as the “Fund”), consisting of such amounts as may be appropriated to or deposited in such fund as provided in this section.

(b) TRANSFERS TO TRUST FUND.—The Secretary of the Treasury (referred to in this section as the “Secretary”) shall deposit in the Fund amounts equal to the fees received before January 1, 2022, under subsection (f)(2).

(c) EXPENDITURES.—Amounts in the Fund, including interest earned and advances to the Fund and proceeds from investment under subsection (d), shall be available for expenditure, without further appropriation, as follows:

(1) 50 percent of the amounts shall be available to the Administrator for making capitalization grants under section 601 of the Federal Water Pollution Control Act (33 U.S.C. 1381).

(2) 50 percent of the amounts shall be available to the Administrator for making capitalization grants under section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12).

(d) INVESTMENT.—Amounts in the Fund shall be invested in accordance with section 9702 of title 31, United States Code, and any interest on, and proceeds from, any such investment shall be available for expenditure in accordance with this section.

(e) LIMITATION ON EXPENDITURES.—Amounts in the Fund may not be made available for a fiscal year under subsection (c) unless the sum of the funds appropriated to the Clean Water State Revolving Fund and the Safe Drinking Water State Revolving Fund through annual capitalization grants is not less than the average of the sum of the annual amounts provided in capitalization grants under section 601 of the Federal Water Pollution Control Act (33 U.S.C. 1381) and section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12) for the 5-fiscal-year period immediately preceding such fiscal year.

(f) VOLUNTARY LABELING SYSTEM.—

(1) IN GENERAL.—The Administrator, in consultation with the Administrator of the Food and Drug Administration, manufacturers, producers, and importers, shall develop and implement a program under which the

Administrator provides a label designed in consultation with manufacturers, producers, and importers suitable for placement on products to inform consumers that the manufacturer, producer, or importer of the product, and other stakeholders, participates in the Fund.

(2) FEE.—The Administrator shall provide a label for a fee of 3 cents per unit.

(g) EPA STUDY ON WATER PRICING.—

(1) STUDY.—The Administrator, with participation by the States, shall conduct a study to—

(A) assess the affordability gap faced by low-income populations located in urban and rural areas in obtaining services from clean water and drinking water systems; and

(B) analyze options for programs to provide incentives for rate adjustments at the local level to achieve “full cost” or “true value” pricing for such services, while protecting low-income ratepayers from undue burden.

(2) REPORT.—Not later than 180 days after the date of enactment of this Act, the Administrator shall submit to the Committee on the Environment and Public Works of the Senate and the Committee on Transportation and Infrastructure and the Committee on Energy and Commerce of the House of Representatives a report on the results of the study.

SEC. 7304. INNOVATIVE WATER TECHNOLOGY GRANT PROGRAM.

(a) DEFINITION OF ELIGIBLE ENTITY.—In this section, the term “eligible entity” means—

(1) a public utility, including publicly owned treatment works and clean water systems;

(2) a unit of local government, including a municipality or a joint powers authority;

(3) a private entity, including a farmer or manufacturer;

(4) an institution of higher education;

(5) a research institution or foundation;

(6) a State;

(7) a regional organization; or

(8) a nonprofit organization.

(b) GRANT PROGRAM AUTHORIZED.—The Administrator shall carry out a grant program for purposes described in subsection (c) to accelerate the development of innovative water technologies that address pressing water challenges.

(c) GRANTS.—In carrying out the program under subsection (b), the Administrator shall make to eligible entities grants that—

(1) finance projects to develop, deploy, test, and improve emerging water technologies;

(2) fund entities that provide technical assistance to deploy innovative water technologies more broadly, especially—

(A) to increase adoption of innovative water technologies in—

(i) municipal drinking water and wastewater treatment systems;

(ii) areas served by private wells; or

(iii) water supply systems in arid areas that are experiencing, or have recently experienced, prolonged drought conditions; and

(B) in a manner that reduces ratepayer or community costs over time, including the cost of future capital investments; or

(3) support technologies that, as determined by the Administrator—

(A) improve water quality of a water source;

(B) improve the safety and security of a drinking water delivery system;

(C) minimize contamination of drinking water and drinking water sources, including contamination by lead, bacteria, chlorides, and nitrates;

(D) improve the quality and timeliness and decrease the cost of drinking water quality tests, especially technologies that can be deployed within water systems and at individual faucets to provide accurate real-time

tests of water quality, especially with respect to lead, bacteria, and nitrate content;

(E) increase water supplies in arid areas that are experiencing, or have recently experienced, prolonged drought conditions;

(F) treat edge-of-field runoff to improve water quality;

(G) treat agricultural, municipal, and industrial wastewater;

(H) recycle or reuse water;

(I) manage urban storm water runoff;

(J) reduce sewer or stormwater overflows;

(K) conserve water;

(L) improve water quality by reducing salinity;

(M) mitigate air quality impacts associated with declining water resources; or

(N) address urgent water quality and human health needs.

(d) PRIORITY FUNDING.—In making grants under this section, the Administrator shall give priority to projects that have the potential—

(1) to provide substantial cost savings across a sector;

(2) to significantly improve human health or the environment; or

(3) to provide additional water supplies with minimal environmental impact.

(e) COST-SHARING.—The Federal share of the cost of activities carried out using a grant made under this section shall be not more than 65 percent.

(f) LIMITATION.—The maximum amount of a grant provided to a project under this section shall be \$5,000,000.

(g) REPORT.—Each year, the Administrator shall submit to Congress and make publicly available on the website of the Administrator a report that describes any advancements during the previous year in development of innovative water technologies made as a result of funding provided under this section.

(h) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section \$50,000,000 for each fiscal year.

(i) FUNDING.—Out of any funds in the Treasury not otherwise appropriated, the Secretary of the Treasury shall transfer to the Administrator to provide grants to eligible entities under this section \$10,000,000, to remain available until expended.

SEC. 7305. WATER RESOURCES RESEARCH ACT AMENDMENTS.

(a) CONGRESSIONAL FINDINGS AND DECLARATIONS.—Section 102 of the Water Resources Research Act of 1984 (42 U.S.C. 10301) is amended—

(1) by redesignating paragraphs (7) through (9) as paragraphs (8) through (10), respectively;

(2) in paragraph (8) (as so redesignated), by striking “and” at the end; and

(3) by inserting after paragraph (6) the following:

“(7) additional research is required to increase the effectiveness and efficiency of new and existing treatment works through alternative approaches, including—

“(A) nonstructural alternatives;

“(B) decentralized approaches;

“(C) water use efficiency and conservation; and

“(D) actions to reduce energy consumption or extract energy from wastewater;”

(b) WATER RESOURCES RESEARCH AND TECHNOLOGY INSTITUTES.—Section 104 of the Water Resources Research Act of 1984 (42 U.S.C. 10303) is amended—

(1) in subsection (b)(1)—

(A) in subparagraph (B)(ii), by striking “water-related phenomena” and inserting “water resources”; and

(B) in subparagraph (D), by striking the period at the end and inserting “; and”;

(2) in subsection (c)—

(A) by striking “From the” and inserting the following:

“(1) IN GENERAL.—From the”; and

(B) by adding at the end the following:

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

(3) by striking subsection (e) and inserting the following:

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

“(1) IN GENERAL.—The Secretary shall conduct a careful and detailed evaluation of each institute at least once every 3 years to determine—

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

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

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

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

(4) in subsection (f)(1), by striking “\$12,000,000 for each of fiscal years 2007 through 2011” and inserting “\$7,500,000 for each of fiscal years 2017 through 2021”; and

(5) in subsection (g)(1), in the first sentence, by striking “\$6,000,000 for each of fiscal years 2007 through 2011” and inserting “\$1,500,000 for each of fiscal years 2017 through 2021”.

SEC. 7306. REAUTHORIZATION OF WATER DESALINATION ACT OF 1996.

(a) AUTHORIZATION OF RESEARCH AND STUDIES.—Section 3 of the Water Desalination Act of 1996 (42 U.S.C. 10301 note; Public Law 104-298) is amended—

(1) in subsection (a)—

(A) in paragraph (6), by striking “and” at the end;

(B) in paragraph (7), by striking the period at the end and inserting a semicolon; and

(C) by adding at the end the following:

“(8) development of metrics to analyze the costs and benefits of desalination relative to other sources of water (including costs and benefits related to associated infrastructure, energy use, environmental impacts, and diversification of water supplies); and

“(9) development of design and siting specifications that avoid, minimize, or offset adverse social, economic, and environmental impacts.”; and

(2) by adding at the end the following:

“(e) PRIORITIZATION.—In carrying out this section, the Secretary shall prioritize funding for research—

“(1) to reduce energy consumption and lower the cost of desalination, including chloride control;

“(2) to reduce the environmental impacts of seawater desalination and develop technology and strategies to minimize those impacts;

“(3) to improve existing reverse osmosis and membrane technology;

“(4) to carry out basic and applied research on next generation desalination technologies, including improved energy recov-

ery systems and renewable energy-powered desalination systems that could significantly reduce desalination costs;

“(5) to develop portable or modular desalination units capable of providing temporary emergency water supplies for domestic or military deployment purposes; and

“(6) to develop and promote innovative desalination technologies, including chloride control, identified by the Secretary.”.

(b) DESALINATION DEMONSTRATION AND DEVELOPMENT.—Section 4 of the Water Desalination Act of 1996 (42 U.S.C. 10301 note; Public Law 104-298) is amended by adding at the end the following:

“(c) PRIORITIZATION.—In carrying out demonstration and development activities under this section, the Secretary shall prioritize projects—

“(1) in drought-stricken States and communities;

“(2) in States that have authorized funding for research and development of desalination technologies and projects;

“(3) that can reduce reliance on imported water supplies that have an impact on species listed under the Endangered Species Act of 1973 (16 U.S.C. 1531 et seq.); and

“(4) that demonstrably leverage the experience of international partners with considerable expertise in desalination, such as the State of Israel.”.

(c) AUTHORIZATION OF APPROPRIATIONS.—Section 8 of the Water Desalination Act of 1996 (42 U.S.C. 10301 note; Public Law 104-298) is amended—

(1) in the first sentence of subsection (a)—

(A) by striking “\$5,000,000” and inserting “\$8,000,000”; and

(B) by striking “2013” and inserting “2021”; and

(2) in subsection (b), by striking “for each of fiscal years 2012 through 2013” and inserting “for each of fiscal years 2017 through 2021”.

(d) CONSULTATION.—Section 9 of the Water Desalination Act of 1996 (42 U.S.C. 10301 note; Public Law 104-298) is amended—

(1) by striking the section designation and heading and all that follows through “In carrying out” in the first sentence and inserting the following:

“SEC. 9. CONSULTATION AND COORDINATION.

“(a) CONSULTATION.—In carrying out”;

(2) in the second sentence, by striking “The authorization” and inserting the following:

“(c) OTHER DESALINATION PROGRAMS.—The authorization”;

(3) by inserting after subsection (a) (as designated by paragraph (1)) the following:

“(b) COORDINATION OF FEDERAL DESALINATION RESEARCH AND DEVELOPMENT.—The White House Office of Science and Technology Policy shall develop a coordinated strategic plan that—

“(1) establishes priorities for future Federal investments in desalination;

“(2) coordinates the activities of Federal agencies involved in desalination, including the Bureau of Reclamation, the Corps of Engineers, the United States Army Tank Automotive Research, Development and Engineering Center, the National Science Foundation, the Office of Naval Research of the Department of Defense, the National Laboratories of the Department of Energy, the United States Geological Survey, the Environmental Protection Agency, and the National Oceanic and Atmospheric Administration;

“(3) strengthens research and development cooperation with international partners, such as the State of Israel, in the area of desalination technology; and

“(4) promotes public-private partnerships to develop a framework for assessing needs

for, and to optimize siting and design of, future ocean desalination projects.”.

SEC. 7307. NATIONAL DROUGHT RESILIENCE GUIDELINES.

(a) IN GENERAL.—The Administrator, in conjunction with the Secretary of the Interior, the Secretary of Agriculture, the Director of the National Oceanic and Atmospheric Administration, and other appropriate Federal agency heads along with State and local governments, shall develop nonregulatory national drought resilience guidelines relating to drought preparedness planning and investments for communities, water utilities, and other water users and providers.

(b) CONSULTATION.—In developing the national drought resilience guidelines, the Administrator and other Federal agency heads referred to in subsection (a) shall consult with—

- (1) State and local governments;
- (2) water utilities;
- (3) scientists;
- (4) institutions of higher education;
- (5) relevant private entities; and
- (6) other stakeholders.

(c) CONTENTS.—The national drought resilience guidelines developed under this section shall, to the maximum extent practicable, provide recommendations for a period of 10 years that—

(1) address a broad range of potential actions, including—

(A) analysis of the impacts of the changing frequency and duration of drought on the future effectiveness of water management tools;

(B) the identification of drought-related water management challenges in a broad range of fields, including—

- (i) public health and safety;
- (ii) municipal and industrial water supply;
- (iii) agricultural water supply;
- (iv) water quality;
- (v) ecosystem health; and
- (vi) water supply planning;

(C) water management tools to reduce drought-related impacts, including—

(i) water use efficiency through gallons per capita reduction goals, appliance efficiency standards, water pricing incentives, and other measures;

- (ii) water recycling;
- (iii) groundwater clean-up and storage;
- (iv) new technologies, such as behavioral water efficiency; and
- (v) stormwater capture and reuse;

(D) water-related energy and greenhouse gas reduction strategies; and

(E) public education and engagement; and

(2) include recommendations relating to the processes that Federal, State, and local governments and water utilities should consider when developing drought resilience preparedness and plans, including—

- (A) the establishment of planning goals;
- (B) the evaluation of institutional capacity;

(C) the assessment of drought-related risks and vulnerabilities, including the integration of climate-related impacts;

(D) the establishment of a development process, including an evaluation of the cost-effectiveness of potential strategies;

(E) the inclusion of private entities, technical advisors, and other stakeholders in the development process;

(F) implementation and financing issues; and

(G) evaluation of the plan, including any updates to the plan.

SEC. 7308. INNOVATION IN STATE WATER POLLUTION CONTROL REVOLVING LOAN FUNDS.

(a) IN GENERAL.—Subsection (j)(1)(B) (as redesignated by section 7202(b)(1)(A)(ii)) of section 603 of the Federal Water Pollution Control Act (33 U.S.C. 1383) is amended—

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

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

(3) by adding at the end the following:

“(v) to encourage the use of innovative water technologies related to any of the issues identified in clauses (i) through (iv) or, as determined by the State, any other eligible project and activity eligible for assistance under subsection (c)”.

(b) **INNOVATIVE WATER TECHNOLOGIES.**—Section 603 of the Federal Water Pollution Control Act (33 U.S.C. 1383) (as amended by section 7202(b)(1)) is amended by adding at the end the following:

“(k) **TECHNICAL ASSISTANCE.**—The Administrator may provide technical assistance to facilitate and encourage the provision of financial assistance for innovative water technologies.

“(l) **REPORT.**—Not later than 1 year after the date of enactment of the Water Resources Development Act of 2016, and not less frequently than every 5 years thereafter, the Administrator shall submit to Congress a report that describes—

“(1) the amount of financial assistance provided by State water pollution control revolving funds to deploy innovative water technologies;

“(2) the barriers impacting greater use of innovative water technologies; and

“(3) the cost-saving potential to cities and future infrastructure investments from emerging technologies.”.

SEC. 7309. INNOVATION IN DRINKING WATER STATE REVOLVING LOAN FUNDS.

Section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12) (as amended by section 7105) is amended—

(1) in subsection (d)—

(A) by striking the heading and inserting “**ADDITIONAL ASSISTANCE.**—”;

(B) in paragraph (1)—

(i) by striking “Notwithstanding” and inserting the following:

“(A) **IN GENERAL.**—Notwithstanding”; and

(ii) by adding at the end the following:

“(B) **INNOVATIVE WATER TECHNOLOGY.**—Notwithstanding any other provision of this section, in the case of a State that makes a loan under subsection (a)(2) to carry out an eligible activity through the use of an innovative water technology (including technologies to improve water treatment to ensure compliance with this title and technologies to identify and mitigate sources of drinking water contamination, including lead contamination), the State may provide additional subsidization, including forgiveness of principal that is not more than 50 percent of the cost of the portion of the project associated with the innovative technology.”;

(C) in paragraph (2)—

(i) by striking “For each fiscal year” and inserting the following:

“(A) **IN GENERAL.**—For each fiscal year”; and

(ii) by adding at the end the following:

“(B) **INNOVATIVE WATER TECHNOLOGY.**—For each fiscal year, not more than 20 percent of the loan subsidies that may be made by a State under paragraph (1) may be used to provide additional subsidization under subparagraph (B) of that paragraph.”; and

(D) in paragraph (3), in the first sentence, by inserting “, or portion of a service area,” after “service area”; and

(2) by adding at the end the following:

“(t) **TECHNICAL ASSISTANCE.**—The Administrator may provide technical assistance to facilitate and encourage the provision of financial assistance for the deployment of innovative water technologies.

“(u) **REPORT.**—Not later than 1 year after the date of enactment of the Water Resources Development Act of 2016, and not

less frequently than every 5 years thereafter, the Administrator shall submit to Congress a report that describes—

“(1) the amount of financial assistance provided by State loan funds to deploy innovative water technologies;

“(2) the barriers impacting greater use of innovative water technologies; and

“(3) the cost-saving potential to cities and future infrastructure investments from emerging technologies.”.

Subtitle D—Drinking Water Disaster Relief and Infrastructure Investments

SEC. 7401. DRINKING WATER INFRASTRUCTURE.

(a) **DEFINITIONS.**—In this section:

(1) **ELIGIBLE STATE.**—The term “eligible State” means a State for which the President has declared an emergency under the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5121 et seq.) relating to the public health threats associated with the presence of lead or other contaminants in a public drinking water supply system.

(2) **ELIGIBLE SYSTEM.**—The term “eligible system” means a public drinking water supply system that has been the subject of an emergency declaration referred to in paragraph (1).

(b) **STATE REVOLVING LOAN FUND ASSISTANCE.**—

(1) **IN GENERAL.**—An eligible system shall be—

(A) considered to be a disadvantaged community under section 1452(d) of the Safe Drinking Water Act (42 U.S.C. 300j-12(d)); and

(B) eligible to receive loans with additional subsidization under that Act (42 U.S.C. 300f et seq.), including forgiveness of principal under section 1452(d)(1) of that Act (42 U.S.C. 300j-12(d)(1)).

(2) **AUTHORIZATION.**—

(A) **IN GENERAL.**—Using funds provided under subsection (e)(1)(A), an eligible State may provide assistance to an eligible system within the eligible State, for the purpose of addressing lead or other contaminants in drinking water, including repair and replacement of public and private drinking water infrastructure.

(B) **INCLUSION.**—Assistance provided under subparagraph (A) may include additional subsidization under the Safe Drinking Water Act (42 U.S.C. 300f et seq.), as described in paragraph (1)(B).

(C) **EXCLUSION.**—Assistance provided under subparagraph (A) shall not include assistance for a project that is financed (directly or indirectly), in whole or in part, with proceeds of any obligation issued after the date of enactment of this Act—

(i) the interest of which is exempt from the tax imposed under chapter 1 of the Internal Revenue Code of 1986; or

(ii) with respect to which credit is allowable under subpart I or J of part IV of subchapter A of chapter 1 of such Code.

(3) **LIMITATION.**—Section 1452(d)(2) of the Safe Drinking Water Act (42 U.S.C. 300j-12(d)(2)) shall not apply to—

(A) any funds provided under subsection (e)(1)(A); or

(B) any other loan provided to an eligible system.

(c) **WATER INFRASTRUCTURE FINANCING.**—

(1) **SECURED LOANS.**—

(A) **IN GENERAL.**—Using funds provided under subsection (e)(2)(A), the Administrator may make a secured loan under the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3901 et seq.) to—

(i) an eligible State to carry out a project eligible under paragraphs (2) through (9) of section 5026 of that Act (33 U.S.C. 3905) to address lead or other contaminants in drinking water in an eligible system, including repair and replacement of public and private drinking water infrastructure; and

(ii) any eligible entity under section 5025 of that Act (33 U.S.C. 3904) for a project eligible under paragraphs (2) through (9) of section 5026 of that Act (33 U.S.C. 3905).

(B) **AMOUNT.**—Notwithstanding section 5029(b)(2) of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3908(b)(2)), the amount of a secured loan provided under subparagraph (A)(i) may be equal to not more than 80 percent of the reasonably anticipated costs of the projects.

(2) **FEDERAL INVOLVEMENT.**—Notwithstanding section 5029(b)(9) of the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3908(b)(9)), any costs for a project to address lead or other contaminants in drinking water in an eligible system that are not covered by a secured loan under paragraph (1) may be covered using amounts in the State revolving loan fund under section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12).

(d) **NONDUPLICATION OF WORK.**—An activity carried out pursuant to this section shall not duplicate the work or activity of any other Federal or State department or agency.

(e) **FUNDING.**—

(1) **ADDITIONAL DRINKING WATER STATE REVOLVING FUND CAPITALIZATION GRANTS.**—

(A) **IN GENERAL.**—The Secretary of the Treasury shall make available to the Administrator a total of \$100,000,000 to provide additional grants to eligible States pursuant to section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12), to be available for a period of 18 months beginning on the date on which the funds are made available, for the purposes described in subsection (b)(2), and after the end of the 18-month period, until expended for the purposes described in subparagraph (C).

(B) **SUPPLEMENTED INTENDED USE PLANS.**—From funds made available under subparagraph (A), the Administrator shall obligate to an eligible State such amounts as are necessary to meet the needs identified in a supplemented intended use plan by not later than 30 days after the date on which the eligible State submits to the Administrator a supplemented intended use plan under section 1452(b) of the Safe Drinking Water Act (42 U.S.C. 300j-12(b)) that includes preapplication information regarding projects to be funded using the additional assistance, including, with respect to each such project—

(i) a description of the project;

(ii) an explanation of the means by which the project will address a situation causing a declared emergency in the eligible State;

(iii) the estimated cost of the project; and

(iv) the projected start date for construction of the project.

(C) **UNOBLIGATED AMOUNTS.**—Of any amounts made available to the Administrator under subparagraph (A) that are unobligated on the date that is 18 months after the date on which the amounts are made available—

(i) 50 percent shall be available to provide additional grants under section 1459A of the Safe Drinking Water Act (as added by section 7106); and

(ii) 50 percent shall be available to provide additional grants under section 1459B of the Safe Drinking Water Act (as added by section 7107).

(D) **APPLICABILITY.**—Section 1452(b)(1) of the Safe Drinking Water Act (42 U.S.C. 300j-12(b)(1)) shall not apply to a supplement to an intended use plan under subparagraph (B).

(2) **WIFIA FUNDING.**—

(A) **IN GENERAL.**—As soon as practicable after the date of enactment of this Act, the Secretary of the Treasury shall make available to the Administrator \$70,000,000 to provide credit subsidies, in consultation with the Director of the Office of Management

and Budget, for secured loans under subsection (c)(1)(A) with a goal of providing secured loans totaling at least \$700,000,000.

(B) USE.—Secured loans provided pursuant to subparagraph (A) shall be available to carry out activities described in subsection (c)(1)(A).

(C) EXCLUSION.—Of the amounts made available under subparagraph (A), \$20,000,000 shall not be used to provide assistance for a project that is financed (directly or indirectly), in whole or in part, with proceeds of any obligation issued after the date of enactment of this Act—

(i) the interest of which is exempt from the tax imposed under chapter 1 of the Internal Revenue Code of 1986; or

(ii) with respect to which credit is allowable under subpart I or J of part IV of subchapter A of chapter 1 of such Code.

(3) APPLICABILITY.—Unless explicitly waived, all requirements under the Safe Drinking Water Act (42 U.S.C. 300f et seq.) and the Water Infrastructure Finance and Innovation Act of 2014 (33 U.S.C. 3901 et seq.) shall apply to funding provided under this subsection.

(f) HEALTH EFFECTS EVALUATION.—

(1) IN GENERAL.—Pursuant to section 104(i)(1)(E) of the Comprehensive Environmental Response, Compensation, and Liability Act (42 U.S.C. 9604(i)(1)(E)), and on receipt of a request of an appropriate State or local health official of an eligible State, the Director of the Agency for Toxic Substances and Disease Registry of the National Center for Environmental Health shall in coordination with other agencies, as appropriate, conduct voluntary surveillance activities to evaluate any adverse health effects on individuals exposed to lead from drinking water in the affected communities.

(2) CONSULTATIONS.—Pursuant to section 104(i)(4) of the Comprehensive Environmental Response, Compensation, and Liability Act (42 U.S.C. 9604(i)(4)), and on receipt of a request of an appropriate State or local health official of an eligible State, the Director of the Agency for Toxic Substances and Disease Registry of the National Center for Environmental Health shall provide consultations regarding health issues described in paragraph (1).

SEC. 7402. LOAN FORGIVENESS.

The matter under the heading “STATE AND TRIBAL ASSISTANCE GRANTS” under the heading “ENVIRONMENTAL PROTECTION AGENCY” in title II of division G of the Consolidated Appropriations Act, 2016 (Public Law 114-113), is amended in paragraph (1), by striking the semicolon at the end and inserting the following: “or, if a Federal or State emergency declaration has been issued due to a threat to public health from heightened exposure to lead in a municipal drinking water supply, before the date of enactment of this Act: *Provided further*, That in a State in which such an emergency declaration has been issued, the State may use more than 20 percent of the funds made available under this title to the State for Drinking Water State Revolving Fund capitalization grants to provide additional subsidy to eligible recipients;”.

SEC. 7403. REGISTRY FOR LEAD EXPOSURE AND ADVISORY COMMITTEE.

(a) DEFINITIONS.—In this section:

(1) CITY.—The term “City” means a city exposed to lead contamination in the local drinking water system.

(2) COMMITTEE.—The term “Committee” means the Advisory Committee established under subsection (c).

(3) SECRETARY.—The term “Secretary” means the Secretary of Health and Human Services.

(b) LEAD EXPOSURE REGISTRY.—The Secretary shall establish within the Agency for

Toxic Substances and Disease Registry or another relevant agency at the discretion of the Secretary, or establish through a grant award or contract, a lead exposure registry to collect data on the lead exposure of residents of a City on a voluntary basis.

(c) ADVISORY COMMITTEE.—

(1) MEMBERSHIP.—

(A) IN GENERAL.—The Secretary shall establish an Advisory Committee in coordination with the Director of the Centers for Disease Control and Prevention and other relevant agencies as determined by the Secretary consisting of Federal members and non-Federal members, and which shall include—

- (i) an epidemiologist;
- (ii) a toxicologist;
- (iii) a mental health professional;
- (iv) a pediatrician;
- (v) an early childhood education expert;
- (vi) a special education expert;
- (vii) a dietician; and
- (viii) an environmental health expert.

(B) REQUIREMENTS.—Membership in the Committee shall not exceed 15 members and not less than ½ of the members shall be Federal members.

(2) CHAIR.—The Secretary shall designate a chair from among the Federal members appointed to the Committee.

(3) TERMS.—Members of the Committee shall serve for a term of not more than 3 years and the Secretary may reappoint members for consecutive terms.

(4) APPLICATION OF FACIA.—The Committee shall be subject to the Federal Advisory Committee Act (5 U.S.C. App.).

(5) RESPONSIBILITIES.—The Committee shall, at a minimum—

(A) review the Federal programs and services available to individuals and communities exposed to lead;

(B) review current research on lead poisoning to identify additional research needs;

(C) review and identify best practices, or the need for best practices, regarding lead screening and the prevention of lead poisoning;

(D) identify effective services, including services relating to healthcare, education, and nutrition for individuals and communities affected by lead exposure and lead poisoning, including in consultation with, as appropriate, the lead exposure registry as established in subsection (b); and

(E) undertake any other review or activities that the Secretary determines to be appropriate.

(6) REPORT.—Annually for 5 years and thereafter as determined necessary by the Secretary or as required by Congress, the Committee shall submit to the Secretary, the Committees on Finance, Health, Education, Labor, and Pensions, and Agriculture, Nutrition, and Forestry of the Senate and the Committees on Education and the Workforce, Energy and Commerce, and Agriculture of the House of Representatives a report that includes—

(A) an evaluation of the effectiveness of the Federal programs and services available to individuals and communities exposed to lead;

(B) an evaluation of additional lead poisoning research needs;

(C) an assessment of any effective screening methods or best practices used or developed to prevent or screen for lead poisoning;

(D) input and recommendations for improved access to effective services relating to healthcare, education, or nutrition for individuals and communities impacted by lead exposure; and

(E) any other recommendations for communities affected by lead exposure, as appropriate.

(d) MANDATORY FUNDING.—

(1) IN GENERAL.—On the date of enactment of this Act, out of any funds in the Treasury not otherwise appropriated, the Secretary of the Treasury shall transfer to the Secretary, to be available during the period of fiscal years 2016 through 2020—

(A) \$17,500,000 to carry out subsection (b); and

(B) \$2,500,000 to carry out subsection (c).

(2) RECEIPT AND ACCEPTANCE.—The Secretary shall be entitled to receive, shall accept, and shall use to carry out subsections (b) and (c) the funds transferred under subparagraphs (A) and (B) of paragraph (1), respectively, without further appropriation.

SEC. 7404. ADDITIONAL FUNDING FOR CERTAIN CHILDHOOD HEALTH PROGRAMS.

(a) CHILDHOOD LEAD POISONING PREVENTION PROGRAM.—

(1) IN GENERAL.—On the date of enactment of this Act, out of any funds in the Treasury not otherwise appropriated, the Secretary of the Treasury shall transfer to the Director of the Centers for Disease Control and Prevention, to be available during the period of fiscal years 2017 and 2018, \$10,000,000 for the childhood lead poisoning prevention program authorized under section 317A of the Public Health Service Act (42 U.S.C. 247b-1).

(2) RECEIPT AND ACCEPTANCE.—The Director of the Centers for Disease Control and Prevention shall be entitled to receive, shall accept, and shall use to carry out the childhood lead poisoning prevention program authorized under section 317A of the Public Health Service Act (42 U.S.C. 247b-1) the funds transferred under paragraph (1), without further appropriation.

(b) HEALTHY HOMES PROGRAM.—

(1) IN GENERAL.—On the date of enactment of this Act, out of any funds in the Treasury not otherwise appropriated, the Secretary of the Treasury shall transfer to the Secretary of Housing and Urban Development, to be available during the period of fiscal years 2017 and 2018, \$10,000,000 to carry out the Healthy Homes Initiative of the Department of Housing and Urban Development.

(2) RECEIPT AND ACCEPTANCE.—The Secretary of Housing and Urban Development shall be entitled to receive, shall accept, and shall use to carry out the Healthy Homes Initiative of the Department of Housing and Urban Development the funds transferred under paragraph (1), without further appropriation.

(c) HEALTHY START PROGRAM.—

(1) IN GENERAL.—On the date of enactment of this Act, out of any funds in the Treasury not otherwise appropriated, the Secretary of the Treasury shall transfer to the Administrator of the Health Resources and Services Administration, to be available during the period of fiscal years 2017 and 2018, \$10,000,000 to carry out the Healthy Start Initiative under section 330H of the Public Health Service Act (42 U.S.C. 254c-8).

(2) RECEIPT AND ACCEPTANCE.—The Administrator of the Health Resources and Services Administration shall be entitled to receive, shall accept, and shall use to carry out the Healthy Start Initiative under section 330H of the Public Health Service Act (42 U.S.C. 254c-8) the funds transferred under paragraph (1), without further appropriation.

SEC. 7405. REVIEW AND REPORT.

(a) IN GENERAL.—Not later than 1 year after the date of enactment of this Act, the Attorney General and the Inspector General of the Environmental Protection Agency shall submit to the Committees on Appropriations, Environment and Public Works, and Homeland Security and Governmental Affairs of the Senate and the Committees on Appropriations, Energy and Commerce, Transportation and Infrastructure, and Oversight and Government Reform of the House

of Representatives a report on the status of any ongoing investigations into the Federal and State response to the contamination of the drinking water supply of the City of Flint, Michigan.

(b) REVIEW.—Not later than 30 days after the completion of the investigations described in subsection (a), the Comptroller General of the United States shall commence a review of issues that are not addressed by the investigations and relating to—

(1) the adequacy of the response by the State of Michigan and the City of Flint to the drinking water crisis in Flint, Michigan, including the timeliness and transparency of the response, as well as the capacity of the State and City to manage the drinking water system; and

(2) the adequacy of the response by Region 5 of the Environmental Protection Agency to the drinking water crisis in Flint, Michigan, including the timeliness and transparency of the response.

(c) CONTENTS OF REPORT.—Not later than 1 year after commencing each review under subsection (b), the Comptroller General of the United States shall submit to Congress a report that includes—

(1) a statement of the principal findings of the review; and

(2) recommendations for Congress and the President to take any actions to prevent a similar situation in the future and to protect public health.

Subtitle E—Report on Groundwater Contamination

SEC. 7501. DEFINITIONS.

In this subtitle:

(1) COMPREHENSIVE STRATEGY.—The term “comprehensive strategy” means a plan for—

(A) the remediation of the plume under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9601 et seq.); or

(B) corrective action under the Solid Waste Disposal Act (42 U.S.C. 6901 et seq.).

(2) GROUNDWATER.—The term “groundwater” means water in a saturated zone or stratum beneath the surface of land or water.

(3) PLUME.—The term “plume” means any hazardous waste (as defined in section 1004 of the Solid Waste Disposal Act (42 U.S.C. 6903)) or hazardous substance (as defined in section 101 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9601)) found in the groundwater supply.

(4) SITE.—The term “site” means the site located at 830 South Oyster Bay Road, Bethpage, New York, 11714 (Environmental Protection Agency identification number NYD002047967).

SEC. 7502. REPORT ON GROUNDWATER CONTAMINATION.

Not later than 180 days after the date of enactment of this Act and annually thereafter, the Secretary of the Navy shall submit to Congress a report on the groundwater contamination from the site that includes—

(1) a description of the status of the groundwater contaminants that are leaving the site and migrating to a location within a 10-mile radius of the site, including—

(A) detailed mapping of the movement of the plume over time; and

(B) projected migration rates of the plume;

(2) an analysis of the current and future impact of the movement of the plume on drinking water facilities; and

(3) a comprehensive strategy to prevent the groundwater contaminants from the site from contaminating drinking water wells that, as of the date of the submission of the report, have not been affected by the migration of the plume.

Subtitle F—Restoration

PART I—GREAT LAKES RESTORATION INITIATIVE

SEC. 7611. GREAT LAKES RESTORATION INITIATIVE.

Section 118(c) of the Federal Water Pollution Control Act (33 U.S.C. 1268(c)) is amended by striking paragraph (7) and inserting the following:

“(7) GREAT LAKES RESTORATION INITIATIVE.—

“(A) ESTABLISHMENT.—There is established in the Agency a Great Lakes Restoration Initiative (referred to in this paragraph as the ‘Initiative’) to carry out programs and projects for Great Lakes protection and restoration.

“(B) FOCUS AREAS.—Each fiscal year under a 5-year Initiative Action Plan, the Initiative shall prioritize programs and projects, carried out in coordination with non-Federal partners, that address priority areas, such as—

“(i) the remediation of toxic substances and areas of concern;

“(ii) the prevention and control of invasive species and the impacts of invasive species;

“(iii) the protection and restoration of nearshore health and the prevention and mitigation of nonpoint source pollution;

“(iv) habitat and wildlife protection and restoration, including wetlands restoration and preservation; and

“(v) accountability, monitoring, evaluation, communication, and partnership activities.

“(C) PROJECTS.—Under the Initiative, the Agency shall collaborate with Federal partners, including the Great Lakes Interagency Task Force, to select the best combination of programs and projects for Great Lakes protection and restoration using appropriate principles and criteria, including whether a program or project provides—

“(i) the ability to achieve strategic and measurable environmental outcomes that implement the Great Lakes Action Plan and the Great Lakes Water Quality Agreement;

“(ii) the feasibility of—

“(I) prompt implementation;

“(II) timely achievement of results; and

“(III) resource leveraging; and

“(iii) the opportunity to improve inter-agency and inter-organizational coordination and collaboration to reduce duplication and streamline efforts.

“(D) IMPLEMENTATION OF PROJECTS.—

“(i) IN GENERAL.—Subject to subparagraph (G)(ii), funds made available to carry out the Initiative shall be used to strategically implement—

“(I) Federal projects; and

“(II) projects carried out in coordination with States, Indian tribes, municipalities, institutions of higher education, and other organizations.

“(ii) TRANSFER OF FUNDS.—With amounts made available for the Initiative each fiscal year, the Administrator may—

“(I) transfer not more than \$300,000,000 to the head of any Federal department or agency, with the concurrence of the department or agency head, to carry out activities to support the Initiative and the Great Lakes Water Quality Agreement;

“(II) enter into an interagency agreement with the head of any Federal department or agency to carry out activities described in subclause (I); and

“(III) make grants to governmental entities, nonprofit organizations, institutions, and individuals for planning, research, monitoring, outreach, and implementation of projects in furtherance of the Initiative and the Great Lakes Water Quality Agreement.

“(E) SCOPE.—

“(i) IN GENERAL.—Projects shall be carried out under the Initiative on multiple levels, including—

“(I) Great Lakes-wide; and

“(II) Great Lakes basin-wide.

“(ii) LIMITATION.—No funds made available to carry out the Initiative may be used for any water infrastructure activity (other than a green infrastructure project that improves habitat and other ecosystem functions in the Great Lakes) for which amounts are made available from—

“(I) a State water pollution control revolving fund established under title VI; or

“(II) a State drinking water revolving loan fund established under section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j-12).

“(F) ACTIVITIES BY OTHER FEDERAL AGENCIES.—Each relevant Federal department or agency shall, to the maximum extent practicable—

“(i) maintain the base level of funding for the Great Lakes activities of that department or agency without regard to funding under the Initiative; and

“(ii) identify new activities and projects to support the environmental goals of the Initiative and the Great Lakes Water Quality Agreement.

“(G) FUNDING.—

“(i) IN GENERAL.—There is authorized to be appropriated to carry out this paragraph \$300,000,000 for each of fiscal years 2017 through 2021.

“(ii) LIMITATION.—Nothing in this paragraph creates, expands, or amends the authority of the Administrator to implement programs or projects under—

“(I) this section;

“(II) the Initiative Action Plan; or

“(III) the Great Lakes Water Quality Agreement.”.

PART II—LAKE TAHOE RESTORATION

SEC. 7621. FINDINGS AND PURPOSES.

The Lake Tahoe Restoration Act (Public Law 106-506; 114 Stat. 2351) is amended by striking section 2 and inserting the following:

“SEC. 2. FINDINGS AND PURPOSES.

“(a) FINDINGS.—Congress finds that—

“(1) Lake Tahoe—

“(A) is one of the largest, deepest, and clearest lakes in the world;

“(B) has a cobalt blue color, a biologically diverse alpine setting, and remarkable water clarity; and

“(C) is recognized nationally and worldwide as a natural resource of special significance;

“(2) in addition to being a scenic and ecological treasure, the Lake Tahoe Basin is one of the outstanding recreational resources of the United States, which—

“(A) offers skiing, water sports, biking, camping, and hiking to millions of visitors each year; and

“(B) contributes significantly to the economies of California, Nevada, and the United States;

“(3) the economy in the Lake Tahoe Basin is dependent on the conservation and restoration of the natural beauty and recreation opportunities in the area;

“(4) the ecological health of the Lake Tahoe Basin continues to be challenged by the impacts of land use and transportation patterns developed in the last century;

“(5) the alteration of wetland, wet meadows, and stream zone habitat have compromised the capacity of the watershed to filter sediment, nutrients, and pollutants before reaching Lake Tahoe;

“(6) forests in the Lake Tahoe Basin suffer from over a century of fire damage and periodic drought, which have resulted in—

“(A) high tree density and mortality;

“(B) the loss of biological diversity; and

“(C) a large quantity of combustible forest fuels, which significantly increases the threat of catastrophic fire and insect infestation;

“(7) the establishment of several aquatic and terrestrial invasive species (including perennial pepperweed, milfoil, and Asian clam) threatens the ecosystem of the Lake Tahoe Basin;

“(8) there is an ongoing threat to the economy and ecosystem of the Lake Tahoe Basin of the introduction and establishment of other invasive species (such as yellow starthistle, New Zealand mud snail, Zebra mussel, and quagga mussel);

“(9) 78 percent of the land in the Lake Tahoe Basin is administered by the Federal Government, which makes it a Federal responsibility to restore ecological health to the Lake Tahoe Basin;

“(10) the Federal Government has a long history of environmental stewardship at Lake Tahoe, including—

“(A) congressional consent to the establishment of the Planning Agency with—

“(i) the enactment in 1969 of Public Law 91-148 (83 Stat. 360); and

“(ii) the enactment in 1980 of Public Law 96-551 (94 Stat. 3233);

“(B) the establishment of the Lake Tahoe Basin Management Unit in 1973;

“(C) the enactment of Public Law 96-586 (94 Stat. 3381) in 1980 to provide for the acquisition of environmentally sensitive land and erosion control grants in the Lake Tahoe Basin;

“(D) the enactment of sections 341 and 342 of the Department of the Interior and Related Agencies Appropriations Act, 2004 (Public Law 108-108; 117 Stat. 1317), which amended the Southern Nevada Public Land Management Act of 1998 (Public Law 105-263; 112 Stat. 2346) to provide payments for the environmental restoration programs under this Act; and

“(E) the enactment of section 382 of the Tax Relief and Health Care Act of 2006 (Public Law 109-432; 120 Stat. 3045), which amended the Southern Nevada Public Land Management Act of 1998 (Public Law 105-263; 112 Stat. 2346) to authorize development and implementation of a comprehensive 10-year hazardous fuels and fire prevention plan for the Lake Tahoe Basin;

“(11) the Assistant Secretary was an original signatory in 1997 to the Agreement of Federal Departments on Protection of the Environment and Economic Health of the Lake Tahoe Basin;

“(12) the Chief of Engineers, under direction from the Assistant Secretary, has continued to be a significant contributor to Lake Tahoe Basin restoration, including—

“(A) stream and wetland restoration; and

“(B) programmatic technical assistance;

“(13) at the Lake Tahoe Presidential Forum in 1997, the President renewed the commitment of the Federal Government to Lake Tahoe by—

“(A) committing to increased Federal resources for ecological restoration at Lake Tahoe; and

“(B) establishing the Federal Interagency Partnership and Federal Advisory Committee to consult on natural resources issues concerning the Lake Tahoe Basin;

“(14) at the 2011 and 2012 Lake Tahoe Forums, Senator Reid, Senator Feinstein, Senator Heller, Senator Ensign, Governor Gibbons, Governor Sandoval, and Governor Brown—

“(A) renewed their commitment to Lake Tahoe; and

“(B) expressed their desire to fund the Federal and State shares of the Environmental Improvement Program through 2022;

“(15) since 1997, the Federal Government, the States of California and Nevada, units of

local government, and the private sector have contributed more than \$1,955,500,000 to the Lake Tahoe Basin, including—

“(A) \$635,400,000 from the Federal Government;

“(B) \$758,600,000 from the State of California;

“(C) \$123,700,000 from the State of Nevada;

“(D) \$98,900,000 from units of local government; and

“(E) \$338,900,000 from private interests;

“(16) significant additional investment from Federal, State, local, and private sources is necessary—

“(A) to restore and sustain the ecological health of the Lake Tahoe Basin;

“(B) to adapt to the impacts of fluctuating water temperature and precipitation; and

“(C) to prevent the introduction and establishment of invasive species in the Lake Tahoe Basin; and

“(17) the Secretary has indicated that the Lake Tahoe Basin Management Unit has the capacity for at least \$10,000,000 annually for the Fire Risk Reduction and Forest Management Program.

“(b) PURPOSES.—The purposes of this Act are—

“(1) to enable the Chief of the Forest Service, the Director of the United States Fish and Wildlife Service, and the Administrator, in cooperation with the Planning Agency and the States of California and Nevada, to fund, plan, and implement significant new environmental restoration activities and forest management activities in the Lake Tahoe Basin;

“(2) to ensure that Federal, State, local, regional, tribal, and private entities continue to work together to manage land in the Lake Tahoe Basin;

“(3) to support local governments in efforts related to environmental restoration, stormwater pollution control, fire risk reduction, and forest management activities; and

“(4) to ensure that agency and science community representatives in the Lake Tahoe Basin work together—

“(A) to develop and implement a plan for integrated monitoring, assessment, and applied research to evaluate the effectiveness of the Environmental Improvement Program; and

“(B) to provide objective information as a basis for ongoing decisionmaking, with an emphasis on decisionmaking relating to resource management in the Lake Tahoe Basin.”.

SEC. 7622. DEFINITIONS.

The Lake Tahoe Restoration Act (Public Law 106-506; 114 Stat. 2351) is amended by striking section 3 and inserting the following:

“SEC. 3. DEFINITIONS.

“In this Act:

“(1) ADMINISTRATOR.—The term ‘Administrator’ means the Administrator of the Environmental Protection Agency.

“(2) ASSISTANT SECRETARY.—The term ‘Assistant Secretary’ means the Assistant Secretary of the Army for Civil Works.

“(3) CHAIR.—The term ‘Chair’ means the Chair of the Federal Partnership.

“(4) COMPACT.—The term ‘Compact’ means the Tahoe Regional Planning Compact included in the first section of Public Law 96-551 (94 Stat. 3233).

“(5) DIRECTORS.—The term ‘Directors’ means—

“(A) the Director of the United States Fish and Wildlife Service; and

“(B) the Director of the United States Geological Survey.

“(6) ENVIRONMENTAL IMPROVEMENT PROGRAM.—The term ‘Environmental Improvement Program’ means—

“(A) the Environmental Improvement Program adopted by the Planning Agency; and

“(B) any amendments to the Program.

“(7) ENVIRONMENTAL THRESHOLD CARRYING CAPACITY.—The term ‘environmental threshold carrying capacity’ has the meaning given the term in Article II of the Compact.

“(8) FEDERAL PARTNERSHIP.—The term ‘Federal Partnership’ means the Lake Tahoe Federal Interagency Partnership established by Executive Order 13057 (62 Fed. Reg. 41249) (or a successor Executive order).

“(9) FOREST MANAGEMENT ACTIVITY.—The term ‘forest management activity’ includes—

“(A) prescribed burning for ecosystem health and hazardous fuels reduction;

“(B) mechanical and minimum tool treatment;

“(C) stream environment zone restoration and other watershed and wildlife habitat enhancements;

“(D) nonnative invasive species management; and

“(E) other activities consistent with Forest Service practices, as the Secretary determines to be appropriate.

“(10) MAPS.—The term ‘Maps’ means the maps—

“(A) entitled—

“(i) ‘LTRA USFS-CA Land Exchange/North Shore’;

“(ii) ‘LTRA USFS-CA Land Exchange/West Shore’; and

“(iii) ‘LTRA USFS-CA Land Exchange/South Shore’; and

“(B) dated January 4, 2016, and on file and available for public inspection in the appropriate offices of—

“(i) the Forest Service;

“(ii) the California Tahoe Conservancy; and

“(iii) the California Department of Parks and Recreation.

“(11) NATIONAL WILDLAND FIRE CODE.—The term ‘national wildland fire code’ means—

“(A) the most recent publication of the National Fire Protection Association codes numbered 1141, 1142, 1143, and 1144;

“(B) the most recent publication of the International Wildland-Urban Interface Code of the International Code Council; or

“(C) any other code that the Secretary determines provides the same, or better, standards for protection against wildland fire as a code described in subparagraph (A) or (B).

“(12) PLANNING AGENCY.—The term ‘Planning Agency’ means the Tahoe Regional Planning Agency established under Public Law 91-148 (83 Stat. 360) and Public Law 96-551 (94 Stat. 3233).

“(13) PRIORITY LIST.—The term ‘Priority List’ means the environmental restoration priority list developed under section 5(b).

“(14) SECRETARY.—The term ‘Secretary’ means the Secretary of Agriculture, acting through the Chief of the Forest Service.

“(15) STREAM ENVIRONMENT ZONE.—The term ‘Stream Environment Zone’ means an area that generally owes the biological and physical characteristics of the area to the presence of surface water or groundwater.

“(16) TOTAL MAXIMUM DAILY LOAD.—The term ‘total maximum daily load’ means the total maximum daily load allocations adopted under section 303(d) of the Federal Water Pollution Control Act (33 U.S.C. 1313(d)).

“(17) WATERCRAFT.—The term ‘watercraft’ means motorized and non-motorized watercraft, including boats, seaplanes, personal watercraft, kayaks, and canoes.”.

SEC. 7623. IMPROVED ADMINISTRATION OF THE LAKE TAHOE BASIN MANAGEMENT UNIT.

Section 4 of the Lake Tahoe Restoration Act (Public Law 106-506; 114 Stat. 2353) is amended—

(1) in subsection (b)(3), by striking “basin” and inserting “Basin”; and

(2) by adding at the end the following:

“(c) FOREST MANAGEMENT ACTIVITIES.—

“(1) COORDINATION.—

“(A) IN GENERAL.—In conducting forest management activities in the Lake Tahoe Basin Management Unit, the Secretary shall, as appropriate, coordinate with the Administrator and State and local agencies and organizations, including local fire departments and volunteer groups.

“(B) GOALS.—The coordination of activities under subparagraph (A) should aim to increase efficiencies and maximize the compatibility of management practices across public property boundaries.

“(2) MULTIPLE BENEFITS.—

“(A) IN GENERAL.—In conducting forest management activities in the Lake Tahoe Basin Management Unit, the Secretary shall conduct the activities in a manner that—

“(i) except as provided in subparagraph (B), attains multiple ecosystem benefits, including—

“(I) reducing forest fuels;

“(II) maintaining biological diversity;

“(III) improving wetland and water quality, including in Stream Environment Zones; and

“(IV) increasing resilience to changing water temperature and precipitation; and

“(ii) helps achieve and maintain the environmental threshold carrying capacities established by the Planning Agency.

“(B) EXCEPTION.—Notwithstanding subparagraph (A)(i), the attainment of multiple ecosystem benefits shall not be required if the Secretary determines that management for multiple ecosystem benefits would excessively increase the cost of a program in relation to the additional ecosystem benefits gained from the management activity.

“(3) GROUND DISTURBANCE.—Consistent with applicable Federal law and Lake Tahoe Basin Management Unit land and resource management plan direction, the Secretary shall—

“(A) establish post-program ground condition criteria for ground disturbance caused by forest management activities; and

“(B) provide for monitoring to ascertain the attainment of the post-program conditions.

“(d) WITHDRAWAL OF FEDERAL LAND.—

“(1) IN GENERAL.—Subject to valid existing rights and paragraph (2), the Federal land located in the Lake Tahoe Basin Management Unit is withdrawn from—

“(A) all forms of entry, appropriation, or disposal under the public land laws;

“(B) location, entry, and patent under the mining laws; and

“(C) disposition under all laws relating to mineral and geothermal leasing.

“(2) EXCEPTIONS.—A conveyance of land shall be exempt from withdrawal under this subsection if carried out under—

“(A) this Act; or

“(B) Public Law 96-586 (94 Stat. 3381) (commonly known as the ‘Santini-Burton Act’).

“(e) ENVIRONMENTAL THRESHOLD CARRYING CAPACITY.—The Lake Tahoe Basin Management Unit shall support the attainment of the environmental threshold carrying capacities.

“(f) COOPERATIVE AUTHORITIES.—During the 4 fiscal years following the date of enactment of the Water Resources Development Act of 2016, the Secretary, in conjunction with land adjustment programs, may enter into contracts and cooperative agreements with States, units of local government, and other public and private entities to provide for fuel reduction, erosion control, reforestation, Stream Environment Zone restoration, and similar management activities on

Federal land and non-Federal land within the programs.”.

SEC. 7624. AUTHORIZED PROGRAMS.

The Lake Tahoe Restoration Act (Public Law 106-506; 114 Stat. 2351) is amended by striking section 5 and inserting the following:

“SEC. 5. AUTHORIZED PROGRAMS.

“(a) IN GENERAL.—The Secretary, the Assistant Secretary, the Directors, and the Administrator, in coordination with the Planning Agency and the States of California and Nevada, may carry out or provide financial assistance to any program that—

“(1) is described in subsection (d);

“(2) is included in the Priority List under subsection (b); and

“(3) furthers the purposes of the Environmental Improvement Program if the program has been subject to environmental review and approval, respectively, as required under Federal law, Article VII of the Compact, and State law, as applicable.

“(b) PRIORITY LIST.—

“(1) DEADLINE.—Not later than March 15 of the year after the date of enactment of the Water Resources Development Act of 2016, the Chair, in consultation with the Secretary, the Administrator, the Directors, the Planning Agency, the States of California and Nevada, the Federal Partnership, the Washoe Tribe, the Lake Tahoe Federal Advisory Committee, and the Tahoe Science Consortium (or a successor organization) shall submit to Congress a prioritized Environmental Improvement Program list for the Lake Tahoe Basin for the program categories described in subsection (d).

“(2) CRITERIA.—The ranking of the Priority List shall be based on the best available science and the following criteria:

“(A) The 4-year threshold carrying capacity evaluation.

“(B) The ability to measure progress or success of the program.

“(C) The potential to significantly contribute to the achievement and maintenance of the environmental threshold carrying capacities identified in Article II of the Compact.

“(D) The ability of a program to provide multiple benefits.

“(E) The ability of a program to leverage non-Federal contributions.

“(F) Stakeholder support for the program.

“(G) The justification of Federal interest.

“(H) Agency priority.

“(I) Agency capacity.

“(J) Cost-effectiveness.

“(K) Federal funding history.

“(3) REVISIONS.—The Priority List submitted under paragraph (1) shall be revised every 2 years.

“(4) FUNDING.—Of the amounts made available under section 10(a), \$80,000,000 shall be made available to the Secretary to carry out projects listed on the Priority List.

“(c) RESTRICTION.—The Administrator shall use not more than 3 percent of the funds provided under subsection (a) for administering the programs described in paragraphs (1) and (2) of subsection (d).

“(d) DESCRIPTION OF ACTIVITIES.—

“(1) FIRE RISK REDUCTION AND FOREST MANAGEMENT.—

“(A) IN GENERAL.—Of the amounts made available under section 10(a), \$150,000,000 shall be made available to the Secretary to carry out, including by making grants, the following programs:

“(i) Programs identified as part of the Lake Tahoe Basin Multi-Jurisdictional Fuel Reduction and Wildfire Prevention Strategy 10-Year Plan.

“(ii) Competitive grants for fuels work to be awarded by the Secretary to communities that have adopted national wildland fire

codes to implement the applicable portion of the 10-year plan described in clause (i).

“(iii) Biomass programs, including feasibility assessments.

“(iv) Angora Fire Restoration under the jurisdiction of the Secretary.

“(v) Washoe Tribe programs on tribal lands within the Lake Tahoe Basin.

“(vi) Development of an updated Lake Tahoe Basin multijurisdictional fuel reduction and wildfire prevention strategy, consistent with section 4(c).

“(vii) Development of updated community wildfire protection plans by local fire districts.

“(viii) Municipal water infrastructure that significantly improves the firefighting capability of local government within the Lake Tahoe Basin.

“(ix) Stewardship end result contracting projects carried out under section 604 of the Healthy Forests Restoration Act of 2003 (16 U.S.C. 6591c).

“(B) MINIMUM ALLOCATION.—Of the amounts made available to the Secretary to carry out subparagraph (A), at least \$100,000,000 shall be used by the Secretary for programs under subparagraph (A)(i).

“(C) PRIORITY.—Units of local government that have dedicated funding for inspections and enforcement of defensible space regulations shall be given priority for amounts provided under this paragraph.

“(D) COST-SHARING REQUIREMENTS.—

“(i) IN GENERAL.—As a condition on the receipt of funds, communities or local fire districts that receive funds under this paragraph shall provide a 25-percent match.

“(ii) FORM OF NON-FEDERAL SHARE.—

“(I) IN GENERAL.—The non-Federal share required under clause (i) may be in the form of cash contributions or in-kind contributions, including providing labor, equipment, supplies, space, and other operational needs.

“(II) CREDIT FOR CERTAIN DEDICATED FUNDING.—There shall be credited toward the non-Federal share required under clause (i) any dedicated funding of the communities or local fire districts for a fuels reduction management program, defensible space inspections, or dooryard chipping.

“(III) DOCUMENTATION.—Communities and local fire districts shall—

“(aa) maintain a record of in-kind contributions that describes—

“(AA) the monetary value of the in-kind contributions; and

“(BB) the manner in which the in-kind contributions assist in accomplishing program goals and objectives; and

“(bb) document in all requests for Federal funding, and include in the total program budget, evidence of the commitment to provide the non-Federal share through in-kind contributions.

“(2) INVASIVE SPECIES MANAGEMENT.—

“(A) IN GENERAL.—Of the amounts made available under section 10(a), \$45,000,000 shall be made available to the Director of the United States Fish and Wildlife Service for the Aquatic Invasive Species Program and the watercraft inspections described in subparagraph (B).

“(B) DESCRIPTION OF ACTIVITIES.—The Director of the United States Fish and Wildlife Service, in coordination with the Assistant Secretary, the Planning Agency, the California Department of Fish and Wildlife, and the Nevada Department of Wildlife, shall deploy strategies consistent with the Lake Tahoe Aquatic Invasive Species Management Plan to prevent the introduction or spread of aquatic invasive species in the Lake Tahoe region.

“(C) CRITERIA.—The strategies referred to in subparagraph (B) shall provide that—

“(i) combined inspection and decontamination stations be established and operated at

not less than 2 locations in the Lake Tahoe region; and

“(ii) watercraft not be allowed to launch in waters of the Lake Tahoe region if the watercraft has not been inspected in accordance with the Lake Tahoe Aquatic Invasive Species Management Plan.

“(D) CERTIFICATION.—The Planning Agency may certify State and local agencies to perform the decontamination activities described in subparagraph (C)(i) at locations outside the Lake Tahoe Basin if standards at the sites meet or exceed standards for similar sites in the Lake Tahoe Basin established under this paragraph.

“(E) APPLICABILITY.—The strategies and criteria developed under this paragraph shall apply to all watercraft to be launched on water within the Lake Tahoe region.

“(F) FEES.—The Director of the United States Fish and Wildlife Service may collect and spend fees for decontamination only at a level sufficient to cover the costs of operation of inspection and decontamination stations under this paragraph.

“(G) CIVIL PENALTIES.—

“(i) IN GENERAL.—Any person that launches, attempts to launch, or facilitates launching of watercraft not in compliance with strategies deployed under this paragraph shall be liable for a civil penalty in an amount not to exceed \$1,000 per violation.

“(ii) OTHER AUTHORITIES.—Any penalties assessed under this subparagraph shall be separate from penalties assessed under any other authority.

“(H) LIMITATION.—The strategies and criteria under subparagraphs (B) and (C), respectively, may be modified if the Secretary of the Interior, in a nondelegable capacity and in consultation with the Planning Agency and State governments, issues a determination that alternative measures will be no less effective at preventing introduction of aquatic invasive species into Lake Tahoe than the strategies and criteria developed under subparagraphs (B) and (C), respectively.

“(I) SUPPLEMENTAL AUTHORITY.—The authority under this paragraph is supplemental to all actions taken by non-Federal regulatory authorities.

“(J) SAVINGS CLAUSE.—Nothing in this title restricts, affects, or amends any other law or the authority of any department, instrumentality, or agency of the United States, or any State or political subdivision thereof, respecting the control of invasive species.

“(3) STORMWATER MANAGEMENT, EROSION CONTROL, AND TOTAL WATERSHED RESTORATION.—Of the amounts made available under section 10(a), \$113,000,000 shall be made available—

“(A) to the Secretary, the Secretary of the Interior, the Assistant Secretary, or the Administrator for the Federal share of stormwater management and related programs consistent with the adopted Total Maximum Daily Load and near-shore water quality goals;

“(B) for grants by the Secretary and the Administrator to carry out the programs described in subparagraph (A);

“(C) to the Secretary or the Assistant Secretary for the Federal share of the Upper Truckee River restoration programs and other watershed restoration programs identified in the Priority List established under section 5(b); and

“(D) for grants by the Administrator to carry out the programs described in subparagraph (C).

“(4) SPECIAL STATUS SPECIES MANAGEMENT.—Of the amounts made available under section 10(a), \$20,000,000 shall be made available to the Director of the United States Fish and Wildlife Service for the Lahontan Cutthroat Trout Recovery Program.”

SEC. 7625. PROGRAM PERFORMANCE AND ACCOUNTABILITY.

The Lake Tahoe Restoration Act (Public Law 106-506; 114 Stat. 2351) is amended by striking section 6 and inserting the following:

“SEC. 6. PROGRAM PERFORMANCE AND ACCOUNTABILITY.

“(a) PROGRAM PERFORMANCE AND ACCOUNTABILITY.—

“(1) IN GENERAL.—Of the amounts made available under section 10(a), not less than \$5,000,000 shall be made available to the Secretary to carry out this section.

“(2) PLANNING AGENCY.—Of the amounts described in paragraph (1), not less than 50 percent shall be made available to the Planning Agency to carry out the program oversight and coordination activities established under subsection (d).

“(b) CONSULTATION.—In carrying out this Act, the Secretary, the Administrator, and the Directors shall, as appropriate and in a timely manner, consult with the heads of the Washoe Tribe, applicable Federal, State, regional, and local governmental agencies, and the Lake Tahoe Federal Advisory Committee.

“(c) CORPS OF ENGINEERS; INTERAGENCY AGREEMENTS.—

“(1) IN GENERAL.—The Assistant Secretary may enter into interagency agreements with non-Federal interests in the Lake Tahoe Basin to use Lake Tahoe Partnership-Miscellaneous General Investigations funds to provide programmatic technical assistance for the Environmental Improvement Program.

“(2) LOCAL COOPERATION AGREEMENTS.—

“(A) IN GENERAL.—Before providing technical assistance under this section, the Assistant Secretary shall enter into a local cooperation agreement with a non-Federal interest to provide for the technical assistance.

“(B) COMPONENTS.—The agreement entered into under subparagraph (A) shall—

“(i) describe the nature of the technical assistance;

“(ii) describe any legal and institutional structures necessary to ensure the effective long-term viability of the end products by the non-Federal interest; and

“(iii) include cost-sharing provisions in accordance with subparagraph (C).

“(C) FEDERAL SHARE.—

“(i) IN GENERAL.—The Federal share of program costs under each local cooperation agreement under this paragraph shall be 65 percent.

“(ii) FORM.—The Federal share may be in the form of reimbursements of program costs.

“(iii) CREDIT.—The non-Federal interest may receive credit toward the non-Federal share for the reasonable costs of related technical activities completed by the non-Federal interest before entering into a local cooperation agreement with the Assistant Secretary under this paragraph.

“(d) EFFECTIVENESS EVALUATION AND MONITORING.—In carrying out this Act, the Secretary, the Administrator, and the Directors, in coordination with the Planning Agency and the States of California and Nevada, shall—

“(1) develop and implement a plan for integrated monitoring, assessment, and applied research to evaluate the effectiveness of the Environmental Improvement Program;

“(2) include funds in each program funded under this section for monitoring and assessment of results at the program level; and

“(3) use the integrated multiagency performance measures established under this section.

“(e) REPORTING REQUIREMENTS.—Not later than March 15 of each year, the Secretary, in

cooperation with the Chair, the Administrator, the Directors, the Planning Agency, and the States of California and Nevada, consistent with subsection (a), shall submit to Congress a report that describes—

“(1) the status of all Federal, State, local, and private programs authorized under this Act, including to the maximum extent practicable, for programs that will receive Federal funds under this Act during the current or subsequent fiscal year—

“(A) the program scope;

“(B) the budget for the program; and

“(C) the justification for the program, consistent with the criteria established in section 5(b)(2);

“(2) Federal, State, local, and private expenditures in the preceding fiscal year to implement the Environmental Improvement Program;

“(3) accomplishments in the preceding fiscal year in implementing this Act in accordance with the performance measures and other monitoring and assessment activities; and

“(4) public education and outreach efforts undertaken to implement programs authorized under this Act.

“(f) ANNUAL BUDGET PLAN.—As part of the annual budget of the President, the President shall submit information regarding each Federal agency involved in the Environmental Improvement Program (including the Forest Service, the Environmental Protection Agency, the United States Fish and Wildlife Service, the United States Geological Survey, and the Corps of Engineers), including—

“(1) an interagency crosscut budget that displays the proposed budget for use by each Federal agency in carrying out restoration activities relating to the Environmental Improvement Program for the following fiscal year;

“(2) a detailed accounting of all amounts received and obligated by Federal agencies to achieve the goals of the Environmental Improvement Program during the preceding fiscal year; and

“(3) a description of the Federal role in the Environmental Improvement Program, including the specific role of each agency involved in the restoration of the Lake Tahoe Basin.”

SEC. 7626. CONFORMING AMENDMENTS; UPDATES TO RELATED LAWS.

(a) LAKE TAHOE RESTORATION ACT.—The Lake Tahoe Restoration Act (Public Law 106-506; 114 Stat. 2351) is amended—

(1) by striking sections 8 and 9;

(2) by redesignating sections 10, 11, and 12 as sections 8, 9, and 10, respectively; and

(3) in section 9 (as redesignated by paragraph (2)) by inserting “, Director, or Administrator” after “Secretary”.

(b) TAHOE REGIONAL PLANNING COMPACT.—Subsection (c) of Article V of the Tahoe Regional Planning Compact (Public Law 96-551; 94 Stat. 3240) is amended in the third sentence by inserting “and, in so doing, shall ensure that the regional plan reflects changing economic conditions and the economic effect of regulation on commerce” after “maintain the regional plan”.

(c) TREATMENT UNDER TITLE 49, UNITED STATES CODE.—Section 5303(r)(2)(C) of title 49, United States Code, is amended—

(1) by inserting “and 25 square miles of land area” after “145,000”; and

(2) by inserting “and 12 square miles of land area” after “65,000”.

SEC. 7627. AUTHORIZATION OF APPROPRIATIONS.

The Lake Tahoe Restoration Act (Public Law 106-506; 114 Stat. 2351) is amended by striking section 10 (as redesignated by section 7626(a)(2)) and inserting the following:

“SEC. 10. AUTHORIZATION OF APPROPRIATIONS.

“(a) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this Act \$415,000,000 for a period of 10 fiscal years beginning the first fiscal year after the date of enactment of the Water Resources Development Act of 2016.

“(b) EFFECT ON OTHER FUNDS.—Amounts authorized under this section and any amendments made by this Act—

“(1) shall be in addition to any other amounts made available to the Secretary, the Administrator, or the Directors for expenditure in the Lake Tahoe Basin; and

“(2) shall not reduce allocations for other Regions of the Forest Service, the Environmental Protection Agency, or the United States Fish and Wildlife Service.

“(c) COST-SHARING REQUIREMENT.—Except as provided in subsection (d) and section 5(d)(1)(D), funds for activities carried out under section 5 shall be available for obligation on a 1-to-1 basis with funding of restoration activities in the Lake Tahoe Basin by the States of California and Nevada.

“(d) RELOCATION COSTS.—Notwithstanding subsection (c), the Secretary shall provide to local utility districts $\frac{2}{3}$ of the costs of relocating facilities in connection with—

“(1) environmental restoration programs under sections 5 and 6; and

“(2) erosion control programs under section 2 of Public Law 96-586 (94 Stat. 3381).

“(e) SIGNAGE.—To the maximum extent practicable, a program provided assistance under this Act shall include appropriate signage at the program site that—

“(1) provides information to the public on—

“(A) the amount of Federal funds being provided to the program; and

“(B) this Act; and

“(2) displays the visual identity mark of the Environmental Improvement Program.”.

SEC. 7628. LAND TRANSFERS TO IMPROVE MANAGEMENT EFFICIENCIES OF FEDERAL AND STATE LAND.

Section 3(b) of Public Law 96-586 (94 Stat. 3384) (commonly known as the “Santini-Burton Act”) is amended—

(1) by striking “(b) Lands” and inserting the following:

“(b) ADMINISTRATION OF ACQUIRED LAND.—

“(1) IN GENERAL.—Land”; and

(2) by adding at the end the following:

“(2) CALIFORNIA CONVEYANCES.—

“(A) IN GENERAL.—If the State of California (acting through the California Tahoe Conservancy and the California Department of Parks and Recreation) offers to donate to the United States the non-Federal land described in subparagraph (B)(i), the Secretary—

“(i) may accept the offer; and

“(ii) convey to the State of California, subject to valid existing rights and for no consideration, all right, title, and interest of the United States in and to the Federal land.

“(B) DESCRIPTION OF LAND.—

“(i) NON-FEDERAL LAND.—The non-Federal land referred to in subparagraph (A) includes—

“(I) the approximately 1,936 acres of land administered by the California Tahoe Conservancy and identified on the Maps as ‘Tahoe Conservancy to the USFS’; and

“(II) the approximately 183 acres of land administered by California State Parks and identified on the Maps as ‘Total USFS to California’.

“(ii) FEDERAL LAND.—The Federal land referred to in subparagraph (A) includes the approximately 1,995 acres of Forest Service land identified on the Maps as ‘U.S. Forest Service to Conservancy and State Parks’.

“(C) CONDITIONS.—Any land conveyed under this paragraph shall—

“(i) be for the purpose of consolidating Federal and State ownerships and improving management efficiencies;

“(ii) not result in any significant changes in the uses of the land; and

“(iii) be subject to the condition that the applicable deed include such terms, restrictions, covenants, conditions, and reservations as the Secretary determines necessary—

“(I) to ensure compliance with this Act; and

“(II) to ensure that the transfer of development rights associated with the conveyed parcels shall not be recognized or available for transfer under chapter 51 of the Code of Ordinances for the Tahoe Regional Planning Agency.

“(D) CONTINUATION OF SPECIAL USE PERMITS.—The land conveyance under this paragraph shall be subject to the condition that the State of California accept all special use permits applicable, as of the date of enactment of the Water Resources Development Act of 2016, to the land described in subparagraph (B)(ii) for the duration of the special use permits, and subject to the terms and conditions of the special use permits.

“(3) NEVADA CONVEYANCES.—

“(A) IN GENERAL.—In accordance with this section and on request by the Governor of Nevada, the Secretary may transfer the land or interests in land described in subparagraph (B) to the State of Nevada without consideration, subject to appropriate deed restrictions to protect the environmental quality and public recreational use of the land transferred.

“(B) DESCRIPTION OF LAND.—The land referred to in subparagraph (A) includes—

“(i) the approximately 38.68 acres of Forest Service land identified on the map entitled ‘State of Nevada Conveyances’ as ‘Van Sickle Unit USFS Inholding’; and

“(ii) the approximately 92.28 acres of Forest Service land identified on the map entitled ‘State of Nevada Conveyances’ as ‘Lake Tahoe Nevada State Park USFS Inholding’.

“(C) CONDITIONS.—Any land conveyed under this paragraph shall—

“(i) be for the purpose of consolidating Federal and State ownerships and improving management efficiencies;

“(ii) not result in any significant changes in the uses of the land; and

“(iii) be subject to the condition that the applicable deed include such terms, restrictions, covenants, conditions, and reservations as the Secretary determines necessary—

“(I) to ensure compliance with this Act; and

“(II) to ensure that the development rights associated with the conveyed parcels shall not be recognized or available for transfer under section 90.2 of the Code of Ordinances for the Tahoe Regional Planning Agency.

“(D) CONTINUATION OF SPECIAL USE PERMITS.—The land conveyance under this paragraph shall be subject to the condition that the State of Nevada accept all special use permits applicable, as of the date of enactment of the Water Resources Development Act of 2016, to the land described in subparagraph (B)(ii) for the duration of the special use permits, and subject to the terms and conditions of the special use permits.

“(4) AUTHORIZATION FOR CONVEYANCE OF FOREST SERVICE URBAN LOTS.—

“(A) CONVEYANCE AUTHORITY.—Except in the case of land described in paragraphs (2) and (3), the Secretary of Agriculture may convey any urban lot within the Lake Tahoe Basin under the administrative jurisdiction of the Forest Service.

“(B) CONSIDERATION.—A conveyance under subparagraph (A) shall require consideration

in an amount equal to the fair market value of the conveyed lot.

“(C) AVAILABILITY AND USE.—The proceeds from a conveyance under subparagraph (A) shall be retained by the Secretary of Agriculture and used for—

“(i) purchasing inholdings throughout the Lake Tahoe Basin; or

“(ii) providing additional funds to carry out the Lake Tahoe Restoration Act (Public Law 106-506; 114 Stat. 2351) in excess of amounts made available under section 10 of that Act.

“(D) OBLIGATION LIMIT.—The obligation and expenditure of proceeds retained under this paragraph shall be subject to such fiscal year limitation as may be specified in an Act making appropriations for the Forest Service for a fiscal year.

“(5) REVERSION.—If a parcel of land transferred under paragraph (2) or (3) is used in a manner that is inconsistent with the use described for the parcel of land in paragraph (2) or (3), respectively, the parcel of land, shall, at the discretion of the Secretary, revert to the United States.

“(6) FUNDING.—

“(A) IN GENERAL.—Of the amounts made available under section 10(a) of the Lake Tahoe Restoration Act (Public Law 106-506; 114 Stat. 2351), \$2,000,000 shall be made available to the Secretary to carry out the activities under paragraphs (2), (3), and (4).

“(B) OTHER FUNDS.—Of the amounts available to the Secretary under paragraph (1), not less than 50 percent shall be provided to the California Tahoe Conservancy to facilitate the conveyance of land described in paragraphs (2) and (3).”.

PART III—LONG ISLAND SOUND RESTORATION**SEC. 7631. RESTORATION AND STEWARDSHIP PROGRAMS.**

(a) LONG ISLAND SOUND RESTORATION PROGRAM.—Section 119 of the Federal Water Pollution Control Act (33 U.S.C. 1269) is amended—

(1) in subsection (b), by striking the subsection designation and heading and all that follows through “The Office shall” and inserting the following:

“(b) OFFICE.—

“(1) ESTABLISHMENT.—The Administrator shall—

“(A) continue to carry out the conference study; and

“(B) establish an office, to be located on or near Long Island Sound.

“(2) ADMINISTRATION AND STAFFING.—The Office shall”;

(2) in subsection (c)—

(A) in the matter preceding paragraph (1), by striking “Management Conference of the Long Island Sound Study” and inserting “conference study”;

(B) in paragraph (2)—

(i) in each of subparagraphs (A) through (G), by striking the commas at the end of the subparagraphs and inserting semicolons;

(ii) in subparagraph (H), by striking “, and” and inserting a semicolon;

(iii) in subparagraph (I), by striking the period at the end and inserting a semicolon; and

(iv) by adding at the end the following:

“(J) environmental impacts on the Long Island Sound watershed, including—

“(i) the identification and assessment of vulnerabilities in the watershed;

“(ii) the development and implementation of adaptation strategies to reduce those vulnerabilities; and

“(iii) the identification and assessment of the impacts of sea level rise on water quality, habitat, and infrastructure; and

“(K) planning initiatives for Long Island Sound that identify the areas that are most

suitable for various types or classes of activities in order to reduce conflicts among uses, reduce adverse environmental impacts, facilitate compatible uses, or preserve critical ecosystem services to meet economic, environmental, security, or social objectives;”;

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

“(4) develop and implement strategies to increase public education and awareness with respect to the ecological health and water quality conditions of Long Island Sound;”;

(D) in paragraph (5), by inserting “study” after “conference”;

(E) in paragraph (6)—

(i) by inserting “(including on the Internet)” after “the public”; and

(ii) by inserting “study” after “conference”; and

(F) by striking paragraph (7) and inserting the following:

“(7) monitor the progress made toward meeting the identified goals, actions, and schedules of the Comprehensive Conservation and Management Plan, including through the implementation and support of a monitoring system for the ecological health and water quality conditions of Long Island Sound; and”;

(3) in subsection (d)(3), in the second sentence, by striking “50 per centum” and inserting “60 percent”;

(4) by redesignating subsection (f) as subsection (i); and

(5) by inserting after subsection (e) the following:

“(f) REPORT.—

“(1) IN GENERAL.—Not later than 2 years after the date of enactment of the Water Resources Development Act of 2016, and biennially thereafter, the Director of the Office, in consultation with the Governor of each Long Island Sound State, shall submit to Congress a report that—

“(A) summarizes and assesses the progress made by the Office and the Long Island Sound States in implementing the Long Island Sound Comprehensive Conservation and Management Plan, including an assessment of the progress made toward meeting the performance goals and milestones contained in the Plan;

“(B) assesses the key ecological attributes that reflect the health of the ecosystem of the Long Island Sound watershed;

“(C) describes any substantive modifications to the Long Island Sound Comprehensive Conservation and Management Plan made during the 2-year period preceding the date of submission of the report;

“(D) provides specific recommendations to improve progress in restoring and protecting the Long Island Sound watershed, including, as appropriate, proposed modifications to the Long Island Sound Comprehensive Conservation and Management Plan;

“(E) identifies priority actions for implementation of the Long Island Sound Comprehensive Conservation and Management Plan for the 2-year period following the date of submission of the report; and

“(F) describes the means by which Federal funding and actions will be coordinated with the actions of the Long Island Sound States and other entities.

“(2) PUBLIC AVAILABILITY.—The Administrator shall make the report described in paragraph (1) available to the public, including on the Internet.

“(g) ANNUAL BUDGET PLAN.—The President shall submit, together with the annual budget of the United States Government submitted under section 1105(a) of title 31, United States Code, information regarding each Federal department and agency involved in the protection and restoration of

the Long Island Sound watershed, including—

“(1) an interagency crosscut budget that displays for each department and agency—

“(A) the amount obligated during the preceding fiscal year for protection and restoration projects and studies relating to the watershed;

“(B) the estimated budget for the current fiscal year for protection and restoration projects and studies relating to the watershed; and

“(C) the proposed budget for succeeding fiscal years for protection and restoration projects and studies relating to the watershed; and

“(2) a summary of any proposed modifications to the Long Island Sound Comprehensive Conservation and Management Plan for the following fiscal year.

“(h) FEDERAL ENTITIES.—

“(1) COORDINATION.—The Administrator shall coordinate the actions of all Federal departments and agencies that impact water quality in the Long Island Sound watershed in order to improve the water quality and living resources of the watershed.

“(2) METHODS.—In carrying out this section, the Administrator, acting through the Director of the Office, may—

“(A) enter into interagency agreements; and

“(B) make intergovernmental personnel appointments.

“(3) FEDERAL PARTICIPATION IN WATERSHED PLANNING.—A Federal department or agency that owns or occupies real property, or carries out activities, within the Long Island Sound watershed shall participate in regional and subwatershed planning, protection, and restoration activities with respect to the watershed.

“(4) CONSISTENCY WITH COMPREHENSIVE CONSERVATION AND MANAGEMENT PLAN.—To the maximum extent practicable, the head of each Federal department and agency that owns or occupies real property, or carries out activities, within the Long Island Sound watershed shall ensure that the property and all activities carried out by the department or agency are consistent with the Long Island Sound Comprehensive Conservation and Management Plan (including any related subsequent agreements and plans).”.

(b) LONG ISLAND SOUND STEWARDSHIP PROGRAM.—

(1) LONG ISLAND SOUND STEWARDSHIP ADVISORY COMMITTEE.—Section 8 of the Long Island Sound Stewardship Act of 2006 (33 U.S.C. 1269 note; Public Law 109-359) is amended—

(A) in subsection (g), by striking “2011” and inserting “2021”; and

(B) by adding at the end the following:

“(h) NONAPPLICABILITY OF FACAA.—The Federal Advisory Committee Act (5 U.S.C. App.) shall not apply to—

“(1) the Advisory Committee; or

“(2) any board, committee, or other group established under this Act.”.

(2) REPORTS.—Section 9(b)(1) of the Long Island Sound Stewardship Act of 2006 (33 U.S.C. 1269 note; Public Law 109-359) is amended in the matter preceding subparagraph (A) by striking “2011” and inserting “2021”.

(3) AUTHORIZATION.—Section 11 of the Long Island Sound Stewardship Act of 2006 (33 U.S.C. 1269 note; Public Law 109-359) is amended—

(A) by striking subsection (a);

(B) by redesignating subsections (b) through (d) as subsections (a) through (c), respectively; and

(C) in subsection (a) (as so redesignated), by striking “under this section each” and inserting “to carry out this Act for a”.

(4) EFFECTIVE DATE.—The amendments made by this subsection take effect on October 1, 2011.

SEC. 7632. REAUTHORIZATION.

(a) IN GENERAL.—There are authorized to be appropriated to the Administrator such sums as are necessary for each of fiscal years 2017 through 2021 for the implementation of—

(1) section 119 of the Federal Water Pollution Control Act (33 U.S.C. 1269), other than subsection (d) of that section; and

(2) the Long Island Sound Stewardship Act of 2006 (33 U.S.C. 1269 note; Public Law 109-359).

(b) LONG ISLAND SOUND GRANTS.—There is authorized to be appropriated to the Administrator to carry out section 119(d) of the Federal Water Pollution Control Act (33 U.S.C. 1269(d)) \$40,000,000 for each of fiscal years 2017 through 2021.

(c) LONG ISLAND SOUND STEWARDSHIP GRANTS.—There is authorized to be appropriated to the Administrator to carry out the Long Island Sound Stewardship Act of 2006 (33 U.S.C. 1269 note; Public Law 109-359) \$25,000,000 for each of fiscal years 2017 through 2021.

PART IV—DELAWARE RIVER BASIN CONSERVATION

SEC. 7641. FINDINGS.

Congress finds that—

(1) the Delaware River Basin is a national treasure of great cultural, environmental, ecological, and economic importance;

(2) the Basin contains over 12,500 square miles of land in the States of Delaware, New Jersey, New York, and Pennsylvania, including nearly 800 square miles of bay and more than 2,000 tributary rivers and streams;

(3) the Basin is home to more than 8,000,000 people who depend on the Delaware River and the Delaware Bay as an economic engine, a place of recreation, and a vital habitat for fish and wildlife;

(4) the Basin provides clean drinking water to more than 15,000,000 people, including New York City, which relies on the Basin for approximately half of the drinking water supply of the city, and Philadelphia, whose most significant threat to the drinking water supply of the city is loss of forests and other natural cover in the Upper Basin, according to a study conducted by the Philadelphia Water Department;

(5) the Basin contributes \$25,000,000,000 annually in economic activity, provides \$21,000,000,000 in ecosystem goods and services per year, and is directly or indirectly responsible for 600,000 jobs with \$10,000,000,000 in annual wages;

(6) almost 180 species of fish and wildlife are considered special status species in the Basin due to habitat loss and degradation, particularly sturgeon, eastern oyster, horseshoe crabs, and red knots, which have been identified as unique species in need of habitat improvement;

(7) the Basin provides habitat for over 200 resident and migrant fish species, includes significant recreational fisheries, and is an important source of eastern oyster, blue crab, and the largest population of the American horseshoe crab;

(8) the annual dockside value of commercial eastern oyster fishery landings for the Delaware Estuary is nearly \$4,000,000, making it the fourth most lucrative fishery in the Delaware River Basin watershed, and proven management strategies are available to increase oyster habitat, abundance, and harvest;

(9) the Delaware Bay has the second largest concentration of shorebirds in North America and is designated as one of the 4 most important shorebird migration sites in the world;

(10) the Basin, 50 percent of which is forested, also has over 700,000 acres of wetland,

more than 126,000 acres of which are recognized as internationally important, resulting in a landscape that provides essential ecosystem services, including recreation, commercial, and water quality benefits;

(11) much of the remaining exemplary natural landscape in the Basin is vulnerable to further degradation, as the Basin gains approximately 10 square miles of developed land annually, and with new development, urban watersheds are increasingly covered by impervious surfaces, amplifying the quantity of polluted runoff into rivers and streams;

(12) the Delaware River is the longest undammed river east of the Mississippi; a critical component of the National Wild and Scenic Rivers System in the Northeast, with more than 400 miles designated; home to one of the most heavily visited National Park units in the United States, the Delaware Water Gap National Recreation Area; and the location of 6 National Wildlife Refuges;

(13) the Delaware River supports an internationally renowned cold water fishery in more than 80 miles of its northern headwaters that attracts tens of thousands of visitors each year and generates over \$21,000,000 in annual revenue through tourism and recreational activities;

(14) management of water volume in the Basin is critical to flood mitigation and habitat for fish and wildlife, and following 3 major floods along the Delaware River since 2004, the Governors of the States of Delaware, New Jersey, New York, and Pennsylvania have called for natural flood damage reduction measures to combat the problem, including restoring the function of riparian corridors;

(15) the Delaware River Port Complex (including docking facilities in the States of Delaware, New Jersey, and Pennsylvania) is one of the largest freshwater ports in the world, the Port of Philadelphia handles the largest volume of international tonnage and 70 percent of the oil shipped to the East Coast, and the Port of Wilmington, a full-service deepwater port and marine terminal supporting more than 12,000 jobs, is the busiest terminal on the Delaware River, handling more than 400 vessels per year with an annual import/export cargo tonnage of more than 4,000,000 tons;

(16) the Delaware Estuary, where freshwater from the Delaware River mixes with saltwater from the Atlantic Ocean, is one of the largest and most complex of the 28 estuaries in the National Estuary Program, and the Partnership for the Delaware Estuary works to improve the environmental health of the Delaware Estuary;

(17) the Delaware River Basin Commission is a Federal-interstate compact government agency charged with overseeing a unified approach to managing the river system and implementing important water resources management projects and activities throughout the Basin that are in the national interest;

(18) restoration activities in the Basin are supported through several Federal and State agency programs, and funding for those important programs should continue and complement the establishment of the Delaware River Basin Restoration Program, which is intended to build on and help coordinate restoration and protection funding mechanisms at the Federal, State, regional, and local levels; and

(19) the existing and ongoing voluntary conservation efforts in the Delaware River Basin necessitate improved efficiency and cost effectiveness, as well as increased private-sector investments and coordination of Federal and non-Federal resources.

SEC. 7642. DEFINITIONS.

In this part:

(1) **BASIN.**—The term “Basin” means the 4-State Delaware Basin region, including all of Delaware Bay and portions of the States of Delaware, New Jersey, New York, and Pennsylvania located in the Delaware River watershed.

(2) **BASIN STATE.**—The term “Basin State” means each of the States of Delaware, New Jersey, New York, and Pennsylvania.

(3) **DIRECTOR.**—The term “Director” means the Director of the United States Fish and Wildlife Service.

(4) **FOUNDATION.**—The term “Foundation” means the National Fish and Wildlife Foundation, a congressionally chartered foundation established by section 2 of the National Fish and Wildlife Foundation Establishment Act (16 U.S.C. 3701).

(5) **GRANT PROGRAM.**—The term “grant program” means the voluntary Delaware River Basin Restoration Grant Program established under section 7644.

(6) **PROGRAM.**—The term “program” means the nonregulatory Delaware River Basin restoration program established under section 7643.

(7) **RESTORATION AND PROTECTION.**—The term “restoration and protection” means the conservation, stewardship, and enhancement of habitat for fish and wildlife to preserve and improve ecosystems and ecological processes on which they depend, and for use and enjoyment by the public.

(8) **SECRETARY.**—The term “Secretary” means the Secretary of the Interior, acting through the Director.

(9) **SERVICE.**—The term “Service” means the United States Fish and Wildlife Service.

SEC. 7643. PROGRAM ESTABLISHMENT.

(a) **ESTABLISHMENT.**—Not later than 180 days after the date of enactment of this Act, the Secretary shall establish a nonregulatory program to be known as the “Delaware River Basin restoration program”.

(b) **DUTIES.**—In carrying out the program, the Secretary shall—

(1) draw on existing and new management plans for the Basin, or portions of the Basin, and work in consultation with applicable management entities, including representatives of the Partnership for the Delaware Estuary, the Delaware River Basin Commission, the Federal Government, and other State and local governments, and regional and nonprofit organizations, as appropriate, to identify, prioritize, and implement restoration and protection activities within the Basin;

(2) adopt a Basinwide strategy that—

(A) supports the implementation of a shared set of science-based restoration and protection activities developed in accordance with paragraph (1);

(B) targets cost-effective projects with measurable results; and

(C) maximizes conservation outcomes with no net gain of Federal full-time equivalent employees; and

(3) establish the voluntary grant and technical assistance programs in accordance with section 7644.

(c) **COORDINATION.**—In establishing the program, the Secretary shall consult, as appropriate, with—

(1) the heads of Federal agencies, including—

(A) the Administrator;

(B) the Administrator of the National Oceanic and Atmospheric Administration;

(C) the Chief of the Natural Resources Conservation Service;

(D) the Chief of Engineers; and

(E) the head of any other applicable agency;

(2) the Governors of the Basin States;

(3) the Partnership for the Delaware Estuary;

(4) the Delaware River Basin Commission;

(5) fish and wildlife joint venture partnerships; and

(6) other public agencies and organizations with authority for the planning and implementation of conservation strategies in the Basin.

(d) **PURPOSES.**—The purposes of the program include—

(1) coordinating restoration and protection activities among Federal, State, local, and regional entities and conservation partners throughout the Basin; and

(2) carrying out coordinated restoration and protection activities, and providing for technical assistance throughout the Basin and Basin States—

(A) to sustain and enhance fish and wildlife habitat restoration and protection activities;

(B) to improve and maintain water quality to support fish and wildlife, as well as the habitats of fish and wildlife, and drinking water for people;

(C) to sustain and enhance water management for volume and flood damage mitigation improvements to benefit fish and wildlife habitat;

(D) to improve opportunities for public access and recreation in the Basin consistent with the ecological needs of fish and wildlife habitat;

(E) to facilitate strategic planning to maximize the resilience of natural systems and habitats under changing watershed conditions;

(F) to engage the public through outreach, education, and citizen involvement, to increase capacity and support for coordinated restoration and protection activities in the Basin;

(G) to increase scientific capacity to support the planning, monitoring, and research activities necessary to carry out coordinated restoration and protection activities; and

(H) to provide technical assistance to carry out restoration and protection activities in the Basin.

SEC. 7644. GRANTS AND ASSISTANCE.

(a) **DELAWARE RIVER BASIN RESTORATION GRANT PROGRAM.**—To the extent that funds are available to carry out this section, the Secretary shall establish a voluntary grant and technical assistance program to be known as the “Delaware River Basin Restoration Grant Program” to provide competitive matching grants of varying amounts to State and local governments, nonprofit organizations, institutions of higher education, and other eligible entities to carry out activities described in section 7643(d).

(b) **CRITERIA.**—The Secretary, in consultation with the organizations described in section 7643(c), shall develop criteria for the grant program to help ensure that activities funded under this section accomplish one or more of the purposes identified in section 7643(d)(2) and advance the implementation of priority actions or needs identified in the Basinwide strategy adopted under section 7643(b)(2).

(c) **COST SHARING.**—

(1) **FEDERAL SHARE.**—The Federal share of the cost of a project funded under the grant program shall not exceed 50 percent of the total cost of the activity, as determined by the Secretary.

(2) **NON-FEDERAL SHARE.**—The non-Federal share of the cost of a project funded under the grant program may be provided in cash or in the form of an in-kind contribution of services or materials.

(d) **ADMINISTRATION.**—

(1) **IN GENERAL.**—The Secretary may enter into an agreement to manage the grant program with the National Fish and Wildlife Foundation or a similar organization that offers grant management services.

(2) FUNDING.—If the Secretary enters into an agreement under paragraph (1), the organization selected shall—

(A) for each fiscal year, receive amounts to carry out this section in an advance payment of the entire amount on October 1, or as soon as practicable thereafter, of that fiscal year;

(B) invest and reinvest those amounts for the benefit of the grant program; and

(C) otherwise administer the grant program to support partnerships between the public and private sectors in accordance with this part.

(3) REQUIREMENTS.—If the Secretary enters into an agreement with the Foundation under paragraph (1), any amounts received by the Foundation under this section shall be subject to the National Fish and Wildlife Foundation Establishment Act (16 U.S.C. 3701 et seq.), excluding section 10(a) of that Act (16 U.S.C. 3709(a)).

SEC. 7645. ANNUAL REPORTS.

Not later than 180 days after the date of enactment of this Act and annually thereafter, the Secretary shall submit to Congress a report on the implementation of this part, including a description of each project that has received funding under this part.

SEC. 7646. AUTHORIZATION OF APPROPRIATIONS.

(a) IN GENERAL.—There is authorized to be appropriated to the Secretary to carry out this part \$5,000,000 for each of fiscal years 2017 through 2022.

(b) USE.—Of any amount made available under this section for each fiscal year, the Secretary shall use at least 75 percent to carry out the grant program under section 7644 and to provide, or provide for, technical assistance under that program.

Subtitle G—Offset

SEC. 7701. OFFSET.

None of the funds available to the Secretary of Energy to provide any credit subsidy under subsection (d) of section 136 of the Energy Independence and Security Act of 2007 (42 U.S.C. 17013) as of the date of enactment of this Act shall be obligated for new loan commitments under that subsection on or after October 1, 2020.

TITLE VIII—MISCELLANEOUS PROVISIONS

SEC. 8001. APPROVAL OF STATE PROGRAMS FOR CONTROL OF COAL COMBUSTION RESIDUALS.

Section 4005 of the Solid Waste Disposal Act (42 U.S.C. 6945) is amended by adding at the end the following:

“(d) STATE PROGRAMS FOR CONTROL OF COAL COMBUSTION RESIDUALS.—

“(1) APPROVAL BY ADMINISTRATOR.—

“(A) IN GENERAL.—Each State may submit to the Administrator, in such form as the Administrator may establish, evidence of a permit program or other system of prior approval and conditions under State law for regulation by the State of coal combustion residual units that are located in the State in lieu of a Federal program under this subsection.

“(B) REQUIREMENT.—Not later than 90 days after the date on which a State submits the evidence described in subparagraph (A), the Administrator shall approve, in whole or in part, a permit program or other system of prior approval and conditions submitted under subparagraph (A) if the Administrator determines that the program or other system requires each coal combustion residual unit located in the State to achieve compliance with—

“(i) the applicable criteria for coal combustion residual units under part 257 of title 40, Code of Federal Regulations (or successor regulations), promulgated pursuant to sections 1008(a)(3) and 4004(a); or

“(ii) such other State criteria that the Administrator, after consultation with the

State, determines to be at least as protective as the criteria described in clause (i).

“(C) PERMIT REQUIREMENTS.—The Administrator may approve under subparagraph (B)(ii) a State permit program or other system of prior approval and conditions that allows a State to include technical standards for individual permits or conditions of approval that differ from the technical standards under part 257 of title 40, Code of Federal Regulations (or successor regulations), if, based on site-specific conditions, the technical standards established pursuant to an approved State program or other system are at least as protective as the technical standards under that part.

“(D) WITHDRAWAL OF APPROVAL.—

“(i) PROGRAM REVIEW.—The Administrator shall review programs or other systems approved under subparagraph (B)—

“(I) from time to time, but not less frequently than once every 5 years; or

“(II) on request of any State.

“(ii) NOTIFICATION AND OPPORTUNITY FOR A PUBLIC HEARING.—The Administrator shall provide to the relevant State notice and an opportunity for a public hearing if the Administrator determines that—

“(I) a revision or correction to the permit program or other system of prior approval and conditions of the State is required for the State to achieve compliance with the requirements of subparagraph (B);

“(II) the State has not adopted and implemented an adequate permit program or other system of prior approval and conditions for each coal combustion residual unit located in the State to ensure compliance with the requirements of subparagraph (B); or

“(III) the State has, at any time, approved or failed to revoke a permit under this subsection that would lead to the violation of a law to protect human health or the environment of any other State.

“(iii) WITHDRAWAL.—

“(I) IN GENERAL.—The Administrator shall withdraw approval of a State permit program or other system of prior approval and conditions if, after the Administrator provides notice and an opportunity for a public hearing to the relevant State under clause (ii), the Administrator determines that the State has not corrected the deficiency.

“(II) REINSTATEMENT OF STATE APPROVAL.—Any withdrawal of approval under subclause (I) shall cease to be effective on the date on which the Administrator makes a determination that the State permit program or other system of prior approval and conditions complies with the requirements of subparagraph (B).

“(2) NONPARTICIPATING STATES.—

“(A) DEFINITION OF NONPARTICIPATING STATE.—In this paragraph, the term ‘nonparticipating State’ means a State—

“(i) for which the Administrator has not approved a State permit program or other system of prior approval and conditions under paragraph (1)(B);

“(ii) the Governor of which has not submitted to the Administrator for approval evidence to operate a State permit program or other system of prior approval and conditions under paragraph (1)(A);

“(iii) the Governor of which has provided notice to the Administrator that, not fewer than 90 days after the date on which the Governor provides notice to the Administrator, the State relinquishes an approval under paragraph (1)(B) to operate a permit program or other system of prior approval and conditions; or

“(iv) for which the Administrator has withdrawn approval for a permit program or other system of prior approval and conditions under paragraph (1)(D)(iii).

“(B) PERMIT PROGRAM.—In the case of a nonparticipating State for which the Admin-

istrator makes a determination that the nonparticipating State lacks the capacity to implement a permit program or other system of prior approval and conditions and subject to the availability of appropriations, the Administrator may implement a permit program to require each coal combustion residual unit located in the nonparticipating State to achieve compliance with applicable criteria established by the Administrator under part 257 of title 40, Code of Federal Regulations (or successor regulations).

“(3) APPLICABILITY OF CRITERIA.—The applicable criteria for coal combustion residual units under part 257 of title 40, Code of Federal Regulations (or successor regulations), promulgated pursuant to sections 1008(a)(3) and 4004(a), shall apply to each coal combustion residual unit in a State unless—

“(A) a permit under a State permit program or other system of prior approval and conditions approved by the Administrator under paragraph (1)(B) is in effect; or

“(B) a permit issued by the Administrator in a State in which the Administrator is implementing a permit program under paragraph (2)(B) is in effect.

“(4) PROHIBITION ON OPEN DUMPING.—

“(A) IN GENERAL.—Except as provided in subparagraph (B)(i) and subject to subparagraph (B)(ii), the Administrator may use the authority provided by sections 3007 and 3008 to enforce the prohibition against open dumping contained in subsection (a) with respect to a coal combustion residual unit.

“(B) FEDERAL ENFORCEMENT IN APPROVED STATE.—

“(i) IN GENERAL.—In the case of a coal combustion residual unit located in a State that is approved to operate a permit program or other system of prior approval and conditions under paragraph (1)(B), the Administrator may commence an administrative or judicial enforcement action under section 3008 if—

“(I) the State requests that the Administrator provide assistance in the performance of the enforcement action; or

“(II) after consideration of any other administrative or judicial enforcement action involving the coal combustion residual unit, the Administrator determines that an enforcement action is likely to be necessary to ensure that the coal combustion residual unit is operating in accordance with the criteria established under the permit program or other system of prior approval and conditions.

“(ii) NOTIFICATION.—In the case of an enforcement action by the Administrator under clause (i)(II), before issuing an order or commencing a civil action, the Administrator shall notify the State in which the coal combustion residual unit is located.

“(iii) ANNUAL REPORT TO CONGRESS.—Not later than December 31, 2017, and December 31 of each year thereafter, the Administrator shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Energy and Commerce of the House of Representatives a report that describes any enforcement action commenced under clause (i)(II), including a description of the basis for the enforcement action.

“(5) INDIAN COUNTRY.—The Administrator may establish and carry out a permit program, in accordance with this subsection, for coal combustion residual units in Indian country (as defined in section 1151 of title 18, United States Code) to require each coal combustion residual unit located in Indian country to achieve compliance with the applicable criteria established by the Administrator under part 257 of title 40, Code of Federal Regulations (or successor regulations).

“(6) TREATMENT OF COAL COMBUSTION RESIDUAL UNITS.—A coal combustion residual unit

shall be considered to be a sanitary landfill for purposes of subsection (a) only if the coal combustion residual unit is operating in accordance with—

“(A) the requirements established pursuant to a program for which an approval is provided by—

“(i) the State in accordance with a program or system approved under paragraph (1)(B); or

“(ii) the Administrator pursuant to paragraph (2)(B) or paragraph (5); or

“(B) the applicable criteria for coal combustion residual units under part 257 of title 40, Code of Federal Regulations (or successor regulations), promulgated pursuant to sections 1008(a)(3) and 4004(a).

“(7) EFFECT OF SUBSECTION.—Nothing in this subsection affects any authority, regulatory determination, other law, or legal obligation in effect on the day before the date of enactment of the Water Resources Development Act of 2016.”.

SEC. 8002. CHOCTAW NATION OF OKLAHOMA AND THE CHICKASAW NATION WATER SETTLEMENT.

(a) PURPOSES.—The purposes of this section are—

(1) to permanently resolve and settle those claims to Settlement Area Waters of the Choctaw Nation of Oklahoma and the Chickasaw Nation as set forth in the Settlement Agreement and this section, including all claims or defenses in and to Chickasaw Nation, Choctaw Nation v. Fallin et al., CIV 11–927 (W.D. Ok.), OWRB v. United States, et al. CIV 12–275 (W.D. Ok.), or any future stream adjudication;

(2) to approve, ratify, and confirm the Settlement Agreement;

(3) to authorize and direct the Secretary of the Interior to execute the Settlement Agreement and to perform all obligations of the Secretary of the Interior under the Settlement Agreement and this section;

(4) to approve, ratify, and confirm the amended storage contract among the State, the City and the Trust;

(5) to authorize and direct the Secretary to approve the amended storage contract and obligations for the Corps of Engineers to perform all obligations under the 1974 storage contract, the amended storage contract, and this section; and

(6) to authorize all actions necessary for the United States to meet its obligations under the Settlement Agreement, the amended storage contract, and this section.

(b) DEFINITIONS.—In this section:

(1) 1974 STORAGE CONTRACT.—The term “1974 storage contract” means the contract entered into on February 16, 1974, between the Secretary and the Water Conservation Storage Commission of the State of Oklahoma pursuant to section 301 of the Water Supply Act of 1958 (43 U.S.C. 390b), and other applicable Federal law.

(2) 2010 AGREEMENT.—The term “2010 agreement” means the agreement entered into among the OWRB and the Trust, dated June 15, 2010, relating to the assignment by the State of the 1974 storage contract and transfer of rights, title, interests, and obligations under that contract to the Trust, including the interests of the State in the conservation storage capacity and associated repayment obligations to the United States.

(3) ADMINISTRATIVE SET-ASIDE SUBCONTRACTS.—The term “administrative set-aside subcontracts” means the subcontracts the City shall issue for the use of Conservation Storage Capacity in Sardis Lake as provided by the amended storage contract and the Settlement Agreement.

(4) ALLOTMENT.—The term “allotment” means the land within the Settlement Area held by an allottee subject to a statutory re-

striction on alienation or held by the United States in trust for the benefit of an allottee.

(5) ALLOTTEE.—The term “allottee” means an enrolled member of the Choctaw Nation or citizen of the Chickasaw Nation who, or whose estate, holds an interest in an allotment.

(6) AMENDED PERMIT APPLICATION.—The term “amended permit application” means the permit application of the City to the OWRB, No. 2007–17, as amended as provided by the Settlement Agreement.

(7) AMENDED STORAGE CONTRACT TRANSFER AGREEMENT; AMENDED STORAGE CONTRACT.—The terms “amended storage contract transfer agreement” and “amended storage contract” mean the 2010 Agreement between the City, the Trust, and the OWRB, as amended, as provided by the Settlement Agreement and this section.

(8) ATOKA AND SARDIS CONSERVATION PROJECTS FUND.—The term “Atoka and Sardis Conservation Projects Fund” means the Atoka and Sardis Conservation Projects Fund established, funded, and managed in accordance with the Settlement Agreement.

(9) CITY.—The term “City” means the City of Oklahoma City, or the City and the Trust acting jointly, as applicable.

(10) CITY PERMIT.—The term “City permit” means any permit issued to the City by the OWRB pursuant to the amended permit application and consistent with the Settlement Agreement.

(11) CONSERVATION STORAGE CAPACITY.—The term “conservation storage capacity” means the total storage space as stated in the 1974 storage contract in Sardis Lake between elevations 599.0 feet above mean sea level and 542.0 feet above mean sea level, which is estimated to contain 297,200 acre-feet of water after adjustment for sediment deposits, and which may be used for municipal and industrial water supply, fish and wildlife, and recreation.

(12) ENFORCEABILITY DATE.—The term “enforceability date” means the date on which the Secretary of the Interior publishes in the Federal Register a notice certifying that the conditions of subsection (i) have been satisfied.

(13) FUTURE USE STORAGE.—The term “future use storage” means that portion of the conservation storage capacity that was designated by the 1974 Contract to be utilized for future water use storage and was estimated to contain 155,500 acre feet of water after adjustment for sediment deposits, or 52.322 percent of the conservation storage capacity.

(14) NATIONS.—The term “Nations” means the Choctaw Nation and the Chickasaw Nation.

(15) OWRB.—The term “OWRB” means the Oklahoma Water Resources Board.

(16) SARDIS LAKE.—The term “Sardis Lake” means the reservoir, formerly known as Clayton Lake, whose dam is located in Section 19, Township 2 North, Range 19 East of the Indian Meridian, Pushmataha County, Oklahoma, the construction, operation, and maintenance of which was authorized by section 203 of the Flood Control Act of 1962 (Public Law 87–874; 76 Stat. 1187).

(17) SETTLEMENT AGREEMENT.—The term “Settlement Agreement” means the settlement agreement as approved by the Nations, the State, the City, and the Trust effective August 22, 2016, as revised to conform with this section, as applicable.

(18) SETTLEMENT AREA.—The term “settlement area” means—

(A) the area lying between—

(i) the South Canadian River and Arkansas River to the north;

(ii) the Red River to the south;

(iii) the Oklahoma–Arkansas State line to the east; and

(iv) the 98th Meridian to the west; and

(B) the area depicted in Exhibit 1 to the Settlement Agreement and generally including the following counties, or portions of, in the State:

(i) Atoka.

(ii) Bryan.

(iii) Carter.

(iv) Choctaw.

(v) Coal.

(vi) Garvin.

(vii) Grady.

(viii) McClain.

(ix) Murray.

(x) Haskell.

(xi) Hughes.

(xii) Jefferson.

(xiii) Johnston.

(xiv) Latimer.

(xv) LeFlore.

(xvi) Love.

(xvii) Marshall.

(xviii) McCurtain.

(xix) Pittsburg.

(xx) Pontotoc.

(xxi) Pushmataha.

(xxii) Stephens.

(19) SETTLEMENT AREA WATERS.—The term “settlement area waters” means the waters located—

(A) within the settlement area; and

(B) within a basin depicted in Exhibit 10 to the Settlement Agreement, including any of the following basins as denominated in the 2012 Update of the Oklahoma Comprehensive Water Plan:

(i) Beaver Creek (24, 25, and 26).

(ii) Blue (11 and 12).

(iii) Clear Boggy (9).

(iv) Kiamichi (5 and 6).

(v) Lower Arkansas (46 and 47).

(vi) Lower Canadian (48, 56, 57, and 58).

(vii) Lower Little (2).

(viii) Lower Washita (14).

(ix) Mountain Fork (4).

(x) Middle Washita (15 and 16).

(xi) Mud Creek (23).

(xii) Muddy Boggy (7 and 8).

(xiii) Poteau (44 and 45).

(xiv) Red River Mainstem (1, 10, 13, and 21)

(xv) Upper Little (3).

(xvi) Walnut Bayou (22).

(20) STATE.—The term “State” means the State of Oklahoma.

(21) TRUST.—The term “Trust” means the Oklahoma City Water Utilities Trust, formerly known as the Oklahoma City Municipal Improvement Authority.

(c) APPROVAL OF THE SETTLEMENT AGREEMENT.—

(1) RATIFICATION.—

(A) IN GENERAL.—Except as modified by this section, and to the extent the Settlement Agreement does not conflict with this section, the Settlement Agreement is authorized, ratified, and confirmed.

(B) AMENDMENTS.—If an amendment is executed to make the Settlement Agreement consistent with this section, the amendment is also authorized, ratified and confirmed to the extent the amendment is consistent with this section.

(2) EXECUTION OF SETTLEMENT AGREEMENT.—

(A) IN GENERAL.—To the extent the Settlement Agreement does not conflict with this section, the Secretary of the Interior shall promptly execute the Settlement Agreement, including all exhibits to or parts of the Settlement Agreement requiring the signature of the Secretary of the Interior and any amendments necessary to make the Settlement Agreement consistent with this section.

(B) NOT A MAJOR FEDERAL ACTION.—Execution of the Settlement Agreement by the Secretary of the Interior under this subsection shall not constitute a major Federal

action under the National Environmental Policy Act of 1969 (42 U.S.C. 4321 et seq.).

(d) APPROVAL OF THE AMENDED STORAGE CONTRACT AND 1974 STORAGE CONTRACT.—

(1) RATIFICATION.—

(A) IN GENERAL.—Except to the extent any provision of the amended storage contract conflicts with any provision of this section, the amended storage contract is authorized, ratified, and confirmed.

(B) 1974 STORAGE CONTRACT.—To the extent the amended storage contract, as authorized, ratified, and confirmed, modifies or amends the 1974 storage contract, the modification or amendment to the 1974 storage contract is authorized, ratified, and confirmed.

(C) AMENDMENTS.—To the extent an amendment is executed to make the amended storage contract consistent with this section, the amendment is authorized, ratified, and confirmed.

(2) APPROVAL BY THE SECRETARY.—After the State and the City execute the amended storage contract, the Secretary shall approve the amended storage contract.

(3) MODIFICATION OF SEPTEMBER 11, 2009, ORDER IN UNITED STATES V. OKLAHOMA WATER RESOURCES BOARD, CIV 98-00521 (N.D. OK).—The Secretary, through counsel, shall cooperate and work with the State to file any motion and proposed order to modify or amend the order of the United States District Court for the Northern District of Oklahoma dated September 11, 2009, necessary to conform the order to the amended storage contract transfer agreement, the Settlement Agreement, and this section.

(4) CONSERVATION STORAGE CAPACITY.—The allocation of the use of the conservation storage capacity in Sardis Lake for administrative set-aside subcontracts, City water supply, and fish and wildlife and recreation as provided by the amended storage contract is authorized, ratified and approved.

(5) ACTIVATION; WAIVER.—

(A) FINDINGS.—Congress finds that—

(i) the earliest possible activation of any increment of future use storage in Sardis Lake will not occur until after 2050; and

(ii) the obligation to make annual payments for the Sardis future use storage operation, maintenance and replacement costs, capital costs, or interest attributable to Sardis future use storage only arises if, and only to the extent, that an increment of Sardis future use storage is activated by withdrawal or release of water from the future use storage that is authorized by the user for a consumptive use of water.

(B) WAIVER OF OBLIGATIONS FOR STORAGE THAT IS NOT ACTIVATED.—Notwithstanding section 301 of the Water Supply Act of 1958 (43 U.S.C. 390b), section 203 of the Flood Control Act of 1962 (Public Law 87-874; 76 Stat. 1187), the 1974 storage contract, or any other provision of law, effective as of January 1, 2050—

(i) the entirety of any repayment obligations (including interest), relating to that portion of conservation storage capacity allocated by the 1974 storage contract to future use storage in Sardis Lake is waived and shall be considered nonreimbursable; and

(ii) any obligation of the State and, on execution and approval of the amended storage contract, of the City and the Trust, under the 1974 storage contract regarding capital costs and any operation, maintenance, and replacement costs and interest otherwise attributable to future use storage in Sardis Lake is waived and shall be nonreimbursable, if the right to future use storage is not exercised by January 1, 2050.

(6) CONSISTENT WITH AUTHORIZED PURPOSES; NO MAJOR OPERATIONAL CHANGE.—

(A) CONSISTENT WITH AUTHORIZED PURPOSE.—

(i) IN GENERAL.—The amended storage contract, the approval of the Secretary of the amended storage contract, and the waiver of future use storage under paragraph (5)—

(I) are consistent with the authorized purposes for Sardis Lake and do not affect the authorized purposes for the project under section 203 of the Flood Control Act of 1962 (Public Law 87-874; 76 Stat. 1187) and section 301(e) of the Water Supply Act of 1958 (43 U.S.C. 390b(e)); and

(II) shall not constitute a reallocation of storage.

(ii) CHANGES AND MODIFICATIONS.—To the extent subclause (I) or (II) of clause (i) could be construed otherwise, any necessary changes or modifications are authorized, ratified, and approved.

(B) NO MAJOR OPERATIONAL CHANGE.—The amended storage contract, the approval of the Secretary of the amended storage contract, and the waiver of future use storage under paragraph (5) shall not constitute a major operational change under section 301(e) of the Water Supply Act of 1958 (43 U.S.C. 390b(e)), and to the extent those documents and actions could be so construed, any necessary change is authorized, ratified and approved without any further action by the Corps of Engineers.

(7) NO FURTHER AUTHORIZATION REQUIRED.—This section shall be considered sufficient and complete authorization, without further study or analysis, for—

(A) the Secretary to approve the amended storage contract; and

(B) after approval under subparagraph (A), the Corps of Engineers to manage storage in Sardis Lake pursuant to and in accordance with the 1974 storage contract, the amended storage contract, and the Settlement Agreement.

(e) SETTLEMENT AREA WATERS.—

(1) FINDINGS.—Congress finds that—

(A) pursuant to the Atoka Agreement as ratified by section 29 of the Act of June 28, 1898 (30 Stat. 505, chapter 517) (as modified by the Act of July 1, 1902 (32 Stat. 641, chapter 1362)), the Nations issued patents to their respective tribal members and citizens and thereby conveyed to individual Choctaws and Chickasaws, all right, title, and interest in and to land that was possessed by the Nations, other than certain mineral rights; and

(B) when title passed from the Nations to their respective tribal members and citizens, the Nations did not convey and those individuals did not receive any right of regulatory or sovereign authority, including with respect to water.

(2) PERMITTING, ALLOCATION, AND ADMINISTRATION OF SETTLEMENT AREA WATERS PURSUANT TO THE SETTLEMENT AGREEMENT.—Beginning on the enforceability date, settlement area waters shall be permitted, allocated, and administered by the OWRB in accordance with the Settlement Agreement and this section.

(3) CHOCTAW NATION AND CHICKASAW NATION.—Beginning on the enforceability date, the Nations shall have the right to use and to develop the right to use settlement area waters only in accordance with the Settlement Agreement and this section.

(4) WAIVER AND DELEGATION BY NATIONS.—In addition to the waivers under subsection (h), the Nations, on their own behalf, shall permanently delegate to the State any regulatory authority each Nation may possess over water rights on allotments, which the State shall exercise in accordance with the Settlement Agreement and this subsection.

(5) RIGHT TO USE WATER.—

(A) IN GENERAL.—An allottee may use water on an allotment in accordance with the Settlement Agreement and this subsection.

(B) SURFACE WATER USE.—

(i) IN GENERAL.—An allottee may divert and use, on the allotment of the allottee, 6 acre-feet per year of surface water per 160 acres, to be used solely for domestic uses on an allotment that constitutes riparian land under applicable State law as of the date of enactment of this Act.

(ii) EFFECT OF STATE LAW.—The use of surface water described in clause (i) shall be subject to all rights and protections of State law, as of the date of enactment of this Act, including all protections against loss for nonuse.

(iii) NO PERMIT REQUIRED.—An allottee may divert water under this subsection without a permit or any other authorization from the OWRB.

(C) GROUNDWATER USE.—

(i) IN GENERAL.—An allottee may drill wells on the allotment of the allottee to take and use for domestic uses the greater of—

(I) 5 acre-feet per year; or

(II) any greater quantity allowed under State law.

(ii) EFFECT OF STATE LAW.—The groundwater use described in clause (i) shall be subject to all rights and protections of State law, as of the date of enactment of this Act, including all protections against loss for nonuse.

(iii) NO PERMIT REQUIRED.—An allottee may drill wells and use water under this subsection without a permit or any other authorization from the OWRB.

(D) FUTURE CHANGES IN STATE LAW.—

(i) IN GENERAL.—If State law changes to limit use of water to a quantity that is less than the applicable quantity specified in subparagraph (B) or (C), as applicable, an allottee shall retain the right to use water in accord with those subparagraphs, subject to paragraphs (6)(B)(iv) and (7).

(ii) OPPORTUNITY TO BE HEARD.—Prior to taking any action to limit the use of water by an individual, the OWRB shall provide to the individual an opportunity to demonstrate that the individual is—

(I) an allottee; and

(II) using water on the allotment pursuant to and in accordance with the Settlement Agreement and this section.

(6) ALLOTTEE OPTIONS FOR ADDITIONAL WATER.—

(A) IN GENERAL.—To use a quantity of water in excess of the quantities provided under paragraph (5), an allottee shall—

(i) file an action under subparagraph (B); or

(ii) apply to the OWRB for a permit pursuant to, and in accordance with, State law.

(B) DETERMINATION IN FEDERAL DISTRICT COURT.—

(i) IN GENERAL.—In lieu of applying to the OWRB for a permit to use more water than is allowed under paragraph (5), an allottee may, after written notice to the OWRB, file an action in the United States District Court for the Western District of Oklahoma for determination of the right to water of the allottee.

(ii) JURISDICTION.—For purposes of this subsection—

(I) the United States District Court for the Western District of Oklahoma shall have jurisdiction; and

(II) the waivers of immunity under subparagraphs (A) and (B) of subsection (j)(2) shall apply.

(iii) REQUIREMENTS.—An allottee filing an action pursuant to this subparagraph shall—

(I) join the OWRB as a party; and

(II) publish notice in a newspaper of general circulation within the Settlement Area Hydrologic Basin for 2 consecutive weeks, with the first publication appearing not later than 30 days after the date on which the action is filed.

(iv) DETERMINATION FINAL.—

(I) IN GENERAL.—Subject to subclause (II), if an allottee elects to have the rights of the allottee determined pursuant to this subparagraph, the determination shall be final as to any rights under Federal law and in lieu of any rights to use water on an allotment as provided in paragraph (5).

(II) RESERVATION OF RIGHTS.—Subclause (I) shall not preclude an allottee from—

(aa) applying to the OWRB for water rights pursuant to State law; or

(bb) using any rights allowed by State law that do not require a permit from the OWRB.

(7) OWRB ADMINISTRATION AND ENFORCEMENT.—

(A) IN GENERAL.—If an allottee exercises any right under paragraph (5) or has rights determined under paragraph (6)(B), the OWRB shall have jurisdiction to administer those rights.

(B) CHALLENGES.—An allottee may challenge OWRB administration of rights determined under this paragraph, in the United States District Court for the Western District of Oklahoma.

(8) PRIOR EXISTING STATE LAW RIGHTS.—Water rights held by an allottee as of the enforceability date pursuant to a permit issued by the OWRB shall be governed by the terms of that permit and applicable State law (including regulations).

(f) CITY PERMIT FOR APPROPRIATION OF STREAM WATER FROM THE KIAMICHI RIVER.—The City permit shall be processed, evaluated, issued, and administered consistent with and in accordance with the Settlement Agreement and this section.

(g) SETTLEMENT COMMISSION.—

(1) ESTABLISHMENT.—There is established a Settlement Commission.

(2) MEMBERS.—

(A) IN GENERAL.—The Settlement Commission shall be comprised of 5 members, appointed as follows:

(i) 1 by the Governor of the State.

(ii) 1 by the Attorney General of the State.

(iii) 1 by the Chief of the Choctaw Nation.

(iv) 1 by the Governor of the Chickasaw Nation.

(v) 1 by agreement of the members described in clauses (i) through (iv).

(B) JOINTLY APPOINTED MEMBER.—If the members described in clauses (i) through (iv) of subparagraph (A) do not agree on a member appointed pursuant to subparagraph (A)(v)—

(i) the members shall submit to the Chief Judge for the United States District Court for the Eastern District of Oklahoma, a list of not less than 3 persons; and

(ii) from the list under clause (i), the Chief Judge shall make the appointment.

(C) INITIAL APPOINTMENTS.—The initial appointments to the Settlement Commission shall be made not later than 90 days after the enforceability date.

(3) MEMBER TERMS.—

(A) IN GENERAL.—Each Settlement Commission member shall serve at the pleasure of appointing authority.

(B) COMPENSATION.—A member of the Settlement Commission shall serve without compensation, but an appointing authority may reimburse the member appointed by the entity for costs associated with service on the Settlement Commission.

(C) VACANCIES.—If a member of the Settlement Commission is removed or resigns, the appointing authority shall appoint the replacement member.

(D) JOINTLY APPOINTED MEMBER.—The member of the Settlement Commission described in paragraph (2)(A)(v) may be removed or replaced by a majority vote of the Settlement Commission based on a failure of the member to carry out the duties of the member.

(4) DUTIES.—The duties and authority of the Settlement Commission shall be set forth in the Settlement Agreement, and the Settlement Commission shall not possess or exercise any duty or authority not stated in the Settlement Agreement.

(h) WAIVERS AND RELEASES OF CLAIMS.—

(1) CLAIMS BY THE NATIONS AND THE UNITED STATES AS TRUSTEE FOR THE NATIONS.—Subject to the retention of rights and claims provided in paragraph (2) and except to the extent that rights are recognized in the Settlement Agreement or this section, the Nations and the United States, acting as a trustee for the Nations, shall execute a waiver and release of—

(A) all claims asserted or which could have been asserted in any proceeding filed or that could have been filed during the period ending on the enforceability date, including Chickasaw Nation, Choctaw Nation v. Fallin et al., CIV 11-927 (W.D. Ok.), OWRB v. United States, et al. CIV 12-275 (W.D. Ok.), or any general stream adjudication, including—

(i) claims to the ownership of water in the State;

(ii) claims to water rights and rights to use water diverted or taken from a location within the State;

(iii) claims to authority over the allocation and management of water and administration of water rights, including authority over third-party ownership of or rights to use water diverted or taken from a location within the State and ownership or use of water on allotments by allottees or any other person using water on an allotment with the permission of an allottee;

(iv) claims that the State lacks authority over the allocation and management of water and administration of water rights, including authority over the ownership of or rights to use water diverted or taken from a location within the State;

(v) any other claim relating to the ownership of water, regulation of water, or authorized diversion, storage, or use of water diverted or taken from a location within the State, if the claim is based on the status of the Chickasaw Nation or the Choctaw Nation as a federally recognized Indian tribe; and

(vi) claims or defenses asserted in Chickasaw Nation, Choctaw Nation v. Fallin et al., CIV 11-927 (W.D. Ok.), OWRB v. United States, et al. CIV 12-275 (W.D. Ok.), or any general stream adjudication;

(B) all claims for damages, losses or injuries to water rights or water, or claims of interference with, diversion, storage, taking, or use of water (including claims for injury to land resulting from the damages, losses, injuries, interference with, diversion, storage, taking, or use of water) attributable to any action by the State, the OWRB, or any water user authorized pursuant to State law to take or use water in the State, including the City, that accrued during the period ending on the enforceability date;

(C) all claims and objections relating to the amended permit application, and the City permit, including—

(i) all claims regarding regulatory control over or OWRB jurisdiction relating to the permit application and permit; and

(ii) all claims for damages, losses or injuries to water rights or rights to use water, or claims of interference with, diversion, storage, taking, or use of water (including claims for injury to land resulting from the damages, losses, injuries, interference with, diversion, storage, taking, or use of water) attributable to the issuance and lawful exercise of the City permit;

(D) all claims to regulatory control over the Permit Numbers P80-48 and 54-613 of the City for water rights from the Muddy Boggy River for Atoka Reservoir and P73-282D for water rights from the Muddy Boggy River,

including McGee Creek, for the McGee Creek Reservoir;

(E) all claims that the State lacks regulatory authority over or OWRB jurisdiction relating to Permit Numbers P80-48 and 54-613 for water rights from the Muddy Boggy River for Atoka Reservoir and P73-282D for water rights from the Muddy Boggy River, including McGee Creek, for the McGee Creek Reservoir;

(F) all claims to damages, losses or injuries to water rights or water, or claims of interference with, diversion, storage, taking, or use of water (including claims for injury to land resulting from such damages, losses, injuries, interference with, diversion, storage, taking, or use of water) attributable to the lawful exercise of Permit Numbers P80-48 and 54-613 for water rights from the Muddy Boggy River for Atoka Reservoir and P73-282D for water rights from the Muddy Boggy River, including McGee Creek, for the McGee Creek Reservoir, that accrued during the period ending on the enforceability date; and

(G) all claims and objections relating to the approval by the Secretary of the assignment of the 1974 storage contract pursuant to the amended storage contract.

(2) RETENTION AND RESERVATION OF CLAIMS.—

(A) RESERVATION OF RIGHTS AND RETENTION OF CLAIMS BY NATIONS AND THE UNITED STATES.—

(i) IN GENERAL.—Notwithstanding the waiver and releases of claims authorized under paragraph (1), the Nations and the United States, acting as trustee, shall retain—

(I) all claims for enforcement of the Settlement Agreement and this section;

(II) all rights to use and protect any water right of the Nations recognized by or established pursuant to the Settlement Agreement, including the right to assert claims for injuries relating to the rights and the right to participate in any general stream adjudication, including any inter se proceeding;

(III) all claims relating to activities affecting the quality of water that are not waived under paragraph (1)(A)(v), including any claims the Nations may have under—

(aa) the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9601 et seq.), including for damages to natural resources;

(bb) the Safe Drinking Water Act (42 U.S.C. 300f et seq.);

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

(dd) any regulations implementing the Acts described in items (aa) through (cc);

(IV) all claims relating to damage, loss, or injury resulting from an unauthorized diversion, use, or storage of water, including damages, losses, or injuries to land or nonwater natural resources associated with any hunting, fishing, gathering, or cultural right; and

(V) all rights, remedies, privileges, immunities, and powers not specifically waived and released pursuant to this section or the Settlement Agreement.

(ii) AGREEMENT.—

(I) IN GENERAL.—As provided in the Settlement Agreement, the Chickasaw Nation shall convey an easement to the City, which easement shall be as described and depicted in Exhibit 15 to the Settlement Agreement.

(II) APPLICATION.—The Chickasaw Nation and the City shall cooperate and coordinate on the submission of an application for approval by the Secretary of the Interior of the conveyance under subclause (I), in accordance with applicable Federal law.

(III) RECORDING.—On approval by the Secretary of the Interior of the conveyance of the easement under this clause, the City shall record the easement.

(IV) CONSIDERATION.—In exchange for conveyance of the easement under clause (ii), the City shall pay to the Chickasaw Nation the value of past unauthorized use and consideration for future use of the land burdened by the easement, based on an appraisal secured by the City and Nations and approved by the Secretary of the Interior.

(B) RESERVATION OF RIGHTS AND RETENTION OF CLAIMS BY NATIONS AGAINST THE UNITED STATES.—Notwithstanding the waivers and releases of claims authorized under paragraph (1), each Nation shall retain—

(i) all claims for enforcement of the Settlement Agreement and this section;

(ii) all rights to use and protect any water rights of the Nations recognized by or established pursuant to the Settlement Agreement and this section, including the right to assert claims for injuries relating to the rights and the right to participate in any stream adjudication, including any inter se proceeding;

(iii) all claims relating to activities affecting the quality of water that are not waived under paragraph (1), including any claims the Nations may have under—

(I) the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (42 U.S.C. 9601 et seq.), including for damages to natural resources;

(II) the Safe Drinking Water Act (42 U.S.C. 300f et seq.);

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

(IV) any regulations implementing the Acts described in subclauses (I) through (III);

(iv) all claims relating to damage, loss, or injury resulting from the unauthorized diversion, use, or storage of water by a person, including damages, losses, or injuries to land or nonwater natural resources associated with any hunting, fishing, gathering, or cultural right; and

(v) all rights, remedies, privileges, immunities, and powers not specifically waived and released pursuant to this section.

(3) EFFECTIVE DATE OF WAIVER AND RELEASES.—The waivers and releases under this subsection take effect on the enforceability date.

(i) ENFORCEABILITY DATE.—

(1) IN GENERAL.—The Settlement Agreement shall take effect and be enforceable on the date on which the Secretary of the Interior publishes in the Federal Register a certification that—

(A) to the extent the Settlement Agreement conflicts with this section, the Settlement Agreement has been amended to conform with this section;

(B) the Settlement Agreement, as amended, has been executed by the Secretary of the Interior, the Nations, the Governor of the State, the OWRB, the City, and the Trust;

(C) to the extent the amended storage contract conflicts with this section, the amended storage contract has been amended to conform with this section;

(D) the amended storage contract, as amended to conform with this section, has been—

(i) executed by the State, the City, and the Trust; and

(ii) approved by the Secretary;

(E) an order has been entered in United States v. Oklahoma Water Resources Board, Civ. 98-C-521-E with any modifications to the order dated September 11, 2009, as provided in the Settlement Agreement;

(F) orders of dismissal have been entered in Chickasaw Nation, Choctaw Nation v. Fallin et al., Civ. 11-297 (W.D. Ok.) and OWRB v. United States, et al. Civ. 12-275 (W.D. Ok.) as provided in the Settlement Agreement;

(G) the OWRB has issued the City Permit;

(H) the final documentation of the Kiamichi Basin hydrologic model is on file

at the Oklahoma City offices of the OWRB; and

(I) the Atoka and Sardis Conservation Projects Fund has been funded as provided in the Settlement Agreement.

(2) EXPIRATION DATE.—If the Secretary of the Interior fails to publish a statement of findings under paragraph (1) by not later than September 30, 2020, or such alternative later date as is agreed to by the Secretary of the Interior, the Nations, the State, the City, and the Trust under paragraph (4), the following shall apply:

(A) This section, except for this subsection and any provisions of this section that are necessary to carry out this subsection (but only for purposes of carrying out this subsection) are not effective beginning on September 30, 2020, or the alternative date.

(B) The waivers and release of claims, and the limited waivers of sovereign immunity, shall not become effective.

(C) The Settlement Agreement shall be null and void, except for this paragraph and any provisions of the Settlement Agreement that are necessary to carry out this paragraph.

(D) Except with respect to this paragraph, the State, the Nations, the City, the Trust, and the United States shall not be bound by any obligations or benefit from any rights recognized under the Settlement Agreement.

(E) If the City permit has been issued, the permit shall be null and void, except that the City may resubmit to the OWRB, and the OWRB shall be considered to have accepted, OWRB permit application No. 2007-017 without having waived the original application priority date and appropriate quantities.

(F) If the amended storage contract has been executed or approved, the contract shall be null and void, and the 2010 agreement shall be considered to be in force and effect as between the State and the Trust.

(G) If the Atoka and Sardis Conservation Projects Fund has been established and funded, the funds shall be returned to the respective funding parties with any accrued interest.

(3) NO PREJUDICE.—The occurrence of the expiration date under paragraph (2) shall not in any way prejudice—

(A) any argument or suit that the Nations may bring to contest—

(i) the pursuit by the City of OWRB permit application No. 2007-017, or a modified version; or

(ii) the 2010 agreement;

(B) any argument, defense, or suit the State may bring or assert with regard to the claims of the Nations to water or over water in the settlement area; or

(C) any argument, defense or suit the City may bring or assert—

(i) with regard to the claims of the Nations to water or over water in the settlement area relating to OWRB permit application No. 2007-017, or a modified version; or

(ii) to contest the 2010 agreement.

(4) EXTENSION.—The expiration date under paragraph (2) may be extended in writing if the Nations, the State, the OWRB, the United States, and the City agree that an extension is warranted.

(j) JURISDICTION, WAIVERS OF IMMUNITY FOR INTERPRETATION AND ENFORCEMENT.—

(1) JURISDICTION.—

(A) IN GENERAL.—

(i) EXCLUSIVE JURISDICTION.—The United States District Court for the Western District of Oklahoma shall have exclusive jurisdiction for all purposes and for all causes of action relating to the interpretation and enforcement of the Settlement Agreement, the amended storage contract, or interpretation or enforcement of this section, including all actions filed by an allottee pursuant to subsection (e)(4)(B).

(ii) RIGHT TO BRING ACTION.—The Choctaw Nation, the Chickasaw Nation, the State, the City, the Trust, and the United States shall each have the right to bring an action pursuant to this section.

(iii) NO ACTION IN OTHER COURTS.—No action may be brought in any other Federal, Tribal, or State court or administrative forum for any purpose relating to the Settlement Agreement, amended storage contract, or this section.

(iv) NO MONETARY JUDGMENT.—Nothing in this section authorizes any money judgment or otherwise allows the payment of funds by the United States, the Nations, the State (including the OWRB), the City, or the Trust.

(B) NOTICE AND CONFERENCE.—An entity seeking to interpret or enforce the Settlement Agreement shall comply with the following:

(i) Any party asserting noncompliance or seeking interpretation of the Settlement Agreement or this section shall first serve written notice on the party alleged to be in breach of the Settlement Agreement or violation of this section.

(ii) The notice under clause (i) shall identify the specific provision of the Settlement Agreement or this section alleged to have been violated or in dispute and shall specify in detail the contention of the party asserting the claim and any factual basis for the claim.

(iii) Representatives of the party alleging a breach or violation and the party alleged to be in breach or violation shall meet not later than 30 days after receipt of notice under clause (i) in an effort to resolve the dispute.

(iv) If the matter is not resolved to the satisfaction of the party alleging breach not later than 90 days after the original notice under clause (i), the party may take any appropriate enforcement action consistent with the Settlement Agreement and this subsection.

(2) LIMITED WAIVERS OF SOVEREIGN IMMUNITY.—

(A) IN GENERAL.—The United States and the Nations may be joined in an action filed in the United States District Court for the Western District of Oklahoma.

(B) UNITED STATES IMMUNITY.—Any claim by the United States to sovereign immunity from suit is irrevocably waived for any action brought by the State, the Chickasaw Nation, the Choctaw Nation, the City, the Trust, or (solely for purposes of actions brought pursuant to subsection (e)) an allottee in the Western District of Oklahoma relating to interpretation or enforcement of the Settlement Agreement or this section, including of the appellate jurisdiction of the United States Court of Appeals for the Tenth Circuit and the Supreme Court of the United States.

(C) CHICKASAW NATION IMMUNITY.—For the exclusive benefit of the State (including the OWRB), the City, the Trust, the Choctaw Nation, and the United States, the sovereign immunity of the Chickasaw Nation from suit is waived solely for any action brought in the Western District of Oklahoma relating to interpretation or enforcement of the Settlement Agreement or this section, if the action is brought by the State or the OWRB, the City, the Trust, the Choctaw Nation, or the United States, including the appellate jurisdiction of the United States Court of Appeals for the Tenth Circuit and the Supreme Court of the United States.

(D) CHOCTAW NATION IMMUNITY.—For the exclusive benefit of the State (including of the OWRB), the City, the Trust, the Chickasaw Nation, and the United States, the Choctaw Nation shall expressly and irrevocably consent to a suit and waive sovereign immunity from a suit solely for any action

brought in the Western District of Oklahoma relating to interpretation or enforcement of the Settlement Agreement or this section, if the action is brought by the State, the OWRB, the City, the Trust, the Chickasaw Nation, or the United States, including the appellate jurisdiction of the United States Court of Appeals for the Tenth Circuit and the Supreme Court of the United States.

(k) **DISCLAIMER.**—

(1) **IN GENERAL.**—The Settlement Agreement applies only to the claims and rights of the Nations.

(2) **NO PRECEDENT.**—Nothing in this section or the Settlement Agreement shall be con-

strued in any way to quantify, establish, or serve as precedent regarding the land and water rights, claims, or entitlements to water of any American Indian Tribe other than the Nations, including any other American Indian Tribe in the State.

SA 4980. Mr. INHOFE proposed an amendment to amendment SA 4979 proposed by Mr. INHOFE to the bill S. 2848, 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; as follows:

Strike section 6002 and insert the following:

SEC. 6002. AUTHORIZATION OF PROJECT MODIFICATIONS RECOMMENDED BY THE SECRETARY.

The following project modifications for water resources development and conservation and other purposes are authorized to be carried out by the Secretary substantially in accordance with the recommendations of the Director of Civil Works, as specified in the reports referred 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: \$97,067,750 Estimated Non-Federal: \$55,465,250 Total: \$152,533,000
2. MO	Blue River Basin	November 6, 2015	Estimated Federal: \$34,860,000 Estimated Non-Federal: \$11,620,000 Total: \$46,480,000
3. FL	Picayune Strand	March 9, 2016	Estimated Federal: \$308,983,000 Estimated Non-Federal: \$308,983,000 Total: \$617,967,000
4. KY	Ohio River Shoreline	March 11, 2016	Estimated Federal: \$20,309,900 Estimated Non-Federal: \$10,936,100 Total: \$31,246,000
5. TX	Houston Ship Channel	May 13, 2016	Estimated Federal: \$381,032,000 Estimated Non-Federal: \$127,178,000 Total: \$508,210,000
6. AZ	Rio de Flag, Flagstaff	June 22, 2016	Estimated Federal: \$65,514,650 Estimated Non-Federal: \$35,322,350 Total: \$100,837,000
7. MO	Swope Park Industrial Area, Blue River	April 21, 2016	Estimated Federal: \$20,205,250 Estimated Non-Federal: \$10,879,750 Total: \$31,085,000

SA 4981. Mr. HELLER (for himself and Mr. HEINRICH) submitted an amendment intended to be proposed by him to the bill S. 2848, 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; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. . RURAL WESTERN WATER.

Section 595 of the Water Resources Development Act of 1999 (Public Law 106-53; 113 Stat. 383; 128 Stat. 1316) is amended—

(1) by redesignating subsection (h) as subsection (i);

(2) by inserting after subsection (g) the following:

“(h) **ELIGIBILITY.**—

“(1) **IN GENERAL.**—Assistance under this section shall be made available to all eligible States and locales described in subsection (b) consistent with program priorities determined by the Secretary in accordance with criteria developed by the Secretary to establish the program priorities, with priority given to projects in any applicable State that—

“(A) execute new or amended project cooperation agreements; and

“(B) commence promptly after the date of enactment of the Water Resources Development Act of 2016.

“(2) **RURAL PROJECTS.**—The Secretary shall consider a rural project authorized under this section and environmental infrastructure projects authorized under section 219 of the Water Resources Development Act of 1992 (Public Law 102-580; 106 Stat. 4835) for new starts on the same basis as any other program funded from the construction account.”; and

(3) in subsection (i) (as redesignated by paragraph (1)), by striking “which shall—,” and all that follows through “remain” and inserting “to remain”.

SA 4982. Mr. BLUMENTHAL (for himself and Mr. MURPHY) submitted an amendment intended to be proposed by him to the bill S. 2848, 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; which was ordered to lie on the table; as follows:

Strike section 2004.

SA 4983. Mr. BLUMENTHAL submitted an amendment intended to be proposed to amendment SA 4979 proposed by Mr. INHOFE to the bill S. 2848,

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; which was ordered to lie on the table; as follows:

In section 2004, strike “applicable State water quality standards” and insert “the State water quality standards of the State in which the disposal occurs, as”.

SA 4984. Mr. BLUNT (for himself and Mrs. MCCASKILL) submitted an amendment intended to be proposed to amendment SA 4979 proposed by Mr. INHOFE to the bill S. 2848, 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; which was ordered to lie on the table; as follows:

At the end of section 5001, add the following:

(i) **HANNIBAL SMALL BOAT HARBOR, HANNIBAL, MISSOURI.**—The project for navigation at Hannibal Small Boat Harbor on the Mississippi River, Hannibal, Missouri, authorized by section 101 of the River and Harbor Act of 1950 (Public Law 81-516; 64 Stat. 166,

chapter 188), is no longer authorized beginning on the date of enactment of this Act, and any maintenance requirements associated with the project are terminated.

AUTHORITY FOR COMMITTEES TO MEET

COMMITTEE ON FOREIGN RELATIONS

Mr. BARRASSO. Mr. President, I ask unanimous consent that the Committee on Foreign Relations be authorized to meet during the session of the Senate on September 7, 2016, at 10 a.m. to conduct a hearing entitled "The Administration's Proposal for a UN Resolution on the Comprehensive Nuclear Test-Ban Treaty."

The PRESIDING OFFICER. Without objection, it is so ordered.

COMMITTEE ON INDIAN AFFAIRS

Mr. BARRASSO. Mr. President, I ask unanimous consent that the Committee on Indian Affairs be authorized to meet during the session of the Senate on September 7, 2016, in room SD-628 of the Dirksen Senate Office Building, at 2:30 p.m.

The PRESIDING OFFICER. Without objection, it is so ordered.

COMMITTEE ON THE JUDICIARY

Mr. BARRASSO. Mr. President, I ask unanimous consent that the Committee on the Judiciary be authorized to meet during the session of the Senate on September 7, 2016, at 10 a.m., in room SD-226 of the Dirksen Senate Office Building, to conduct a hearing entitled "Nominations."

The PRESIDING OFFICER. Without objection, it is so ordered.

COMMITTEE ON VETERANS' AFFAIRS

Mr. BARRASSO. Mr. President, I ask unanimous consent that the Com-

mittee on Veterans' Affairs be authorized to meet during the session of the Senate on September 7, 2016, at 2:30 p.m., in room SR-418 of the Russell Senate Office Building, to conduct a hearing entitled "VHA Best Practices: Exploring the Diffusion of Excellence Initiative."

The PRESIDING OFFICER. Without objection, it is so ordered.

SPECIAL COMMITTEE ON AGING

Mr. BARRASSO. Mr. President, I ask unanimous consent that the Special Committee on Aging be authorized to meet during the session of the Senate on September 7, 2016, at 2:30 p.m., in room SD-562 of the Dirksen Senate Office Building to conduct a hearing entitled "Securing America's Retirement Future: Examining the Bipartisan Policy Center's Recommendations to Boost Savings."

The PRESIDING OFFICER. Without objection, it is so ordered.

MEASURES READ THE FIRST TIME—S. 3296 AND S. 3297

Mr. PERDUE. Mr. President, I understand there are two bills at the desk, and I ask for their first reading en bloc.

The PRESIDING OFFICER. The clerk will read the bills by title for the first time.

The bill clerk read as follows:

A bill (S. 3296) to amend the Internal Revenue Code of 1986 to provide an exemption to the individual mandate to maintain health coverage for individuals residing in counties with fewer than 2 health insurance issuers offering plans on an Exchange.

A bill (S. 3297) to amend the Internal Revenue Code of 1986 to provide an exemption to the individual mandate to maintain health coverage for certain individuals whose pre-

mium has increased by more than 10 percent, and for other purposes.

Mr. PERDUE. Mr. President, I now ask for a second reading, and I object to my own request, all en bloc.

The PRESIDING OFFICER. Objection is heard.

The bills will be read for the second time on the next legislative day.

ORDERS FOR THURSDAY, SEPTEMBER 8, 2016

Mr. PERDUE. Mr. President, I ask unanimous consent that when the Senate completes its business today, it adjourn until 9:30 a.m., Thursday, September 8; that following the prayer and pledge, the Senate observe a moment of silence in remembrance of the lives lost in the attacks of September 11, 2001; further, that the morning hour be deemed expired, the Journal of proceedings be approved to date, and the time for the two leaders be reserved for their use later in the day; finally, that following leader remarks, the Senate resume consideration of S. 2848.

The PRESIDING OFFICER. Without objection, it is so ordered.

ADJOURNMENT UNTIL 9:30 A.M. TOMORROW

Mr. PERDUE. Mr. President, if there is no further business to come before the Senate, I ask unanimous consent that it stand adjourned under the previous order.

There being no objection, the Senate, at 6:53 p.m., adjourned until Thursday, September 8, 2016, at 9:30 a.m.