

**Final WRDA 2022—Comparison to House & Senate WRDA 2022 Bills**  
*(with Remarks)*

**TITLE LXXXI OF DIVISION H OF THE HOUSE AMENDMENT TO THE SENATE AMENDMENT**  
**TO H.R. 7776, THE WATER RESOURCES DEVELOPMENT ACT OF 2022**  
 (from SECTION-BY-SECTION SUMMARY)

<b><u>FINAL WRDA 2022 Bill (HR 7776)</u></b>	<b><u>HOUSE WRDA Bill</u></b>	<b><u>SENATE WRDA Bill</u></b>	<b><u>REMARKS</u></b>
<b>Sec. 8001. Short title; table of contents.</b>	[Same.]	[Same.]	<i>[No change.]</i>
<b>Sec. 8002. Secretary defined.</b>	[Same.]	[Same.]	<i>[No change.]</i>
<b><u>Subtitle A – General Provisions</u></b>	<b><u>TITLE I—GENERAL PROVISIONS</u></b>	<b><u>TITLE I—GENERAL PROVISIONS</u></b>	
<b>Sec. 8101. Federal breakwaters and jetties.</b> This section directs the Secretary of the Army (Secretary) to repair or maintain jetties and breakwaters to dimensions that include increases in projected wave action or height over the life of the project, and to classify such work as routine operations and maintenance if the functionality of the structure will be diminished due to changes in wave action or height, or the structure is degraded due to a lack of regular Federal maintenance.	<b>SEC. 101. FEDERAL BREAKWATERS AND JETTIES.</b>		<i>[Program authority modification. Language is from the House bill (Sec. 101).]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8102. Emergency response to natural disasters.</b> Subsection (a) authorizes the Secretary to repair or restore a hurricane or shore protection project or structure beyond the original design level of the project to increase the resilience or effectiveness of the project and account for increases in projected wave action, height, or storm surge to meet the authorized purposes of the project. Subsection (b) prohibits the U.S. Army Corps of Engineers (Corps) from denying advance measures assistance requested by a State to reduce the risk of damage from rising water levels in the Great Lakes	<b>SEC. 102. EMERGENCY RESPONSE TO NATURAL DISASTERS.</b>	<b>SEC. 101. SCOPE OF FEASIBILITY STUDIES.</b>  <b>SEC. 112. USE OF EMERGENCY FUNDS.</b>  <b>SEC. 123. SENSE OF CONGRESS RELATING TO POST-DISASTER REPAIRS.</b>	<i>[Program authority modification. Increased resilience in post-disaster repairs.</i>  <i>Language in subsection (a) was taken primarily from the House bill (Sec. 102); is also related to Senate bill provisions (Sections 101, 112, 123); language in subsection (b) was taken primarily from the Senate bill (Sec.310).</i>

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<p>solely on the basis that the damage is caused by erosion.</p>		<p><b>SEC. 310. GREAT LAKES ADVANCE MEASURES ASSISTANCE.</b></p>	<p><i>Amends PL 84-99; provisions involve providing increased resilience in post-disaster repairs.]</i></p> <p><i>(These provisions aim to address a major concern of shore communities seeking to maintain adequate protection when repairing or restoring shore protection projects, considering concerns about relative sea level change and more extreme weather events.)]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<p><b>Sec. 8103. Shoreline and riverbank protection and restoration mission.</b> This section amends section 212 of the Water Resources Development Act (WRDA) of 1999 to allow the Corps to carry out projects for the protection and restoration of coastal shorelines and riverbanks and authorizes the Secretary to cover the first \$200,000 of the costs to study these projects.</p>	<p><b>SEC. 103. SHORELINE AND RIVERINE RESTORATION.</b></p>	<p><b>SEC. 102. SHORELINE AND RIVERBANK PROTECTION AND RESTORATION MISSION.</b></p> <p><b>SEC. 314. CHESAPEAKE BAY ENVIRONMENTAL RESTORATION AND PROTECTION PROGRAM.</b></p>	<p><i>[Program authority modification. The final bill language is an amalgam from both the House bill (Sec. 103) and the Senate bill (Sec. 102).</i></p> <p><i>(The final bill language does <u>not</u> include potentially controversial language from the Senate bill that would give priority to the protection and restoration of the shorelines, riverbanks, and streambanks of the United States from the damaging impacts of extreme weather events and other factors contributing to the vulnerability of coastal and riverine communities and ecosystems.) (There had been some concerns expressed that the language in Section 102(a) of the Senate bill could be interpreted as a mandate, thereby changing Corps policy and elevating the protection and restoration of shorelines, riverbanks, and</i></p>

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			<p><i>streambanks to a new Corps mission.)</i></p> <p><i>It is noted, however, that some of the controversial concepts from that language in Section 102 of the Senate bill did, to some extent, get weaved into the Delaware beaches provisions in Section 8327 of the final WRDA bill.))</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<p><b>Sec. 8104. Floodplain management services.</b> This section amends section 206 of the Flood Control Act of 1960 to authorize the Corps to identify areas that may be subject to flooding due to accumulated snags and other debris. This section also directs the Corps to perform outreach to States and non-Federal interests about opportunities to partner with the Corps to address flood hazards and allows the Corps to partner with institutions of higher education to carry out these activities.</p>	<p><b>SEC. 131. CONTRACTS WITH INSTITUTIONS OF HIGHER EDUCATION TO PROVIDE ASSISTANCE.</b></p>	<p><b>SEC. 107. FLOODPLAIN MANAGEMENT SERVICES.</b></p>	<p><i>[Program authority modification. Related to the Flood Plain Management Services program, and debris removal; see also Sections 106 and 342 of the House bill regarding debris and removal.]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<p><b>Sec. 8105. Public recreational amenities in ecosystem restoration projects.</b> This section authorizes the Secretary to consider the inclusion of recreational amenities into ecosystem restoration projects.</p>	<p><b>SEC. 107. PUBLIC RECREATIONAL AMENITIES IN ECOSYSTEM RESTORATION PROJECTS.</b></p>		<p><i>[Program authority modification. This section pertains to Corps recreational areas and recreational uses.]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<p><b>Sec. 8106. Scope of feasibility studies.</b> This section directs the Corps, at the request of a non-Federal interest, to formulate project study alternatives that reduce comprehensive flood risk or hurricane and storm damage risk, or that address water supply or water supply conservation, when conducting certain feasibility studies.</p>	<p><b>SEC. 104. TIDAL RIVER, BAY, AND ESTUARINE FLOOD RISK REDUCTION.</b></p>	<p><b>SEC. 101. SCOPE OF FEASIBILITY STUDIES.</b></p>	<p><i>[Program authority modification.]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>

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<b>Sec. 8107. Water supply conservation.</b> This section amends section 1116 of WRDA 2016 to make permanent the authority of the Corps to evaluate and approve water supply conservation measures at water resources development projects in States that have experienced repeated droughts. This section also specifies that the Corps may evaluate a water supply conservation measure utilizing a natural feature or nature-based feature to reduce drought risk.		<b>SEC. 134. WATER SUPPLY CONSERVATION.</b>	<i>Language is from the Senate bill (Sec. 134).</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8108. Managed aquifer recharge study and working group.</b> This section authorizes the Secretary to assess opportunities to carry out managed aquifer recharge projects at Corps projects and to create a working group to assist with carrying out prescribed activities. This section also authorizes the Secretary to conduct, at the request of non-Federal interests, up to ten feasibility studies to carry out managed aquifer recharge projects in areas affected by prolonged drought conditions, aquifer depletion, or water supply scarcity.	<b>SEC. 112. MANAGED AQUIFER RECHARGE STUDY AND WORKING GROUP.</b>		<i>[Feasibility Study authorizations. Language is based on the House bill (Sec. 112), with revisions.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8109. Updates to certain water control manuals.</b> This section authorizes the Secretary to update water control manuals at the request of the governor in a State where the governor declared a statewide drought disaster in 2021.		<b>SEC. 118. UPDATES TO CERTAIN WATER CONTROL MANUALS.</b>	<i>[Program authority modification; updating water control manuals.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8110. National coastal mapping study.</b> This section directs the Secretary to study and map coastal geographic land changes and identify improved tools and practices for coastal mapping.	<b>SEC. 106. NATIONAL COASTAL MAPPING STUDY.</b>		<i>[Study directive.]</i>
<b>Sec. 8111. Tribal partnership program.</b> This section amends section 203 of WRDA 2000 to extend the authorization of the Corps' Tribal Partnership Program through fiscal year 2033, to allow technical assistance as an eligible use, to authorize the first \$200,000 of the costs of a feasibility study to be at Federal expense, and to increase the Federal cost limit for continuing authority to design and construct projects.	<b>SEC. 118. TRIBAL PARTNERSHIP PROGRAM.</b>	<b>SEC. 336. TRIBAL PARTNERSHIP PROGRAM.</b>	<i>[Tribes; technical assistance.]</i>
<b>Sec. 8112. Tribal Liaison.</b> This section requires each Corps district that contains a Tribal community to have on staff a Tribal liaison to serve	<b>SEC. 119. TRIBAL LIAISON.</b>		<i>[Tribes; technical assistance.]</i>

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as a direct line of communication between the District Commander and the Tribal communities within the boundaries of the Corps district, as well as ensure consistency in government-to-government relations.			<i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8113. Tribal assistance.</b> This section requires the Secretary to revise and carry out the village development plan for Dalles Dam, Bonneville Dam, McNary Dam, and John Day Dam in Washington and Oregon to address the impacts to Indian villages and housing sites that resulted from construction of multiple dams by the Corps in the Columbia River Basin.	<b>SEC. 120. TRIBAL ASSISTANCE.</b>	<b>SEC. 358. TRIBAL ASSISTANCE.</b>	<i>[Tribes and tribal assistance; Columbia River.]</i>
<b>Sec. 8114. Cost sharing provisions for the territories and Indian Tribes.</b> This section amends section 1156 of WRDA 1986 to require the Secretary to apply the cost-share waiver for territories and Indian Tribes to watershed assessments and to apply the waived amount to the non-Federal share of the costs of a study or project, rather than to the total cost of a study or project. This section also authorizes certain indigenous people to participate under section 1156.	<b>SEC. 121. COST SHARING PROVISIONS FOR THE TERRITORIES AND INDIAN TRIBES.</b>	<b>SEC. 133. COST SHARING FOR TERRITORIES AND INDIAN TRIBES.</b>	<i>[Tribes; technical assistance.]</i>
<b>Sec. 8115. Tribal and Economically Disadvantaged Communities Advisory Committee.</b> This section requires the Secretary to establish a Tribal and Economically Disadvantaged Communities Advisory Committee, in accordance with the Federal Advisory Committee Act. This Committee is directed to provide the Secretary with advice and recommendations to ensure the effective delivery of water resources development projects, programs, and other assistance to Indian Tribes and to economically disadvantaged communities located in urban and rural areas.		<b>SEC. 114. TRIBAL AND ECONOMICALLY DISADVANTAGED COMMUNITIES ADVISORY COMMITTEE.</b>	<i>[Tribes and Economically Disadvantaged Communities Advisory Committee.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8116. Workforce planning.</b> This section authorizes the Secretary to carry out activities to recruit individuals for careers at the Corps and to foster, enhance, and support science, technology, engineering, and math education and awareness at schools and institutions of learning at all levels. This section directs the Secretary to prioritize recruitment of individuals located in both urban and rural economically disadvantaged communities, where practicable.		<b>SEC. 108. WORKFORCE PLANNING.</b>	<i>[Corps administrative related provisions.]</i>

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<b>Sec. 8117. Corps of Engineers support for underserved communities; outreach.</b> This section authorizes \$30 million for the Secretary to increase outreach to potential non-Federal interests, including those in economically disadvantaged communities, on Corps' water resources development authorities and to provide additional publicly available resources for increased community engagement with Corps programs.	<b>SEC. 110. CORPS OF ENGINEERS SUPPORT FOR UNDERSERVED COMMUNITIES; OUTREACH.</b>		<i>[Economically disadvantaged communities; Tribes; technical assistance.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8118. Pilot programs for certain communities.</b> This section increases the number of projects and feasibility studies that can be carried out annually under two pilot programs created in WRDA 2020 for small, rural, and economically disadvantaged communities.	<b>SEC. 111. PROJECT PLANNING ASSISTANCE.</b>	<b>SEC. 312. PILOT PROGRAM FOR CERTAIN COMMUNITIES.</b>	<i>Based on language from House bill (Sec. 111) and Senate bill (Sec. 312); expanded pilot projects program for continuing authority projects in small, rural, and economically disadvantaged communities.</i>  <i>[Economically disadvantaged communities; technical assistance; is a program modification.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8119. Technical assistance.</b> This section amends section 22 of WRDA 1974 to increase the funding authorization for technical assistance, to prioritize the provision of such assistance to address inland and coastal life safety risks, and to authorize the Secretary to waive the cost of such assistance to economically disadvantaged communities located in urban and rural areas.	<b>SEC. 109. TECHNICAL ASSISTANCE.</b>	<b>SEC. 106. PLANNING ASSISTANCE TO THE STATES.</b>	<i>Merged similar provisions from the House bill (Sec. 109) and Senate bill (Sec.106).</i>  <i>[Economically disadvantaged communities; technical assistance.]</i>
<b>Sec. 8120. Technical assistance for levee inspections.</b> This section requires the Secretary to provide credit or reimbursement for the cost of carrying out an inspection in any instance where, as a condition of eligibility for Federal assistance under section 5 of the Act of August 18, 1941, the non-Federal sponsor of a levee project is required to undertake an electronic inspection of the portion of such project that is under normal circumstances submerged.	<b>SEC. 115. TECHNICAL ASSISTANCE FOR LEVEE INSPECTIONS.</b>		<i>[Levees; technical assistance.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>

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<b>Sec. 8121. Assessment of Corps of Engineers levees.</b> This section directs the Secretary to periodically assess Corps levees and to evaluate opportunities for any modifications through a report to Congress. The Secretary is also directed to assess federally authorized levee systems operated by non-Federal interests under certain conditions.	<b>SEC. 114. ASSESSMENT OF CORPS OF ENGINEERS LEVEES.</b>		<i>[Levees.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8122. National low-head dam inventory.</b> This section amends the National Dam Safety Program Act to require the Secretary to develop, and make publicly available, an inventory of all low-head dams in the United States and to periodically update the inventory in consultation with relevant Federal and State agencies.	<b>SEC. 117. NATIONAL LOW-HEAD DAM INVENTORY.</b>	<b>SEC. 127. NATIONAL LOW-HEAD DAM INVENTORY.</b>	<i>[Dam inventory.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8123. Expediting hydropower at Corps of Engineers facilities.</b> This section amends section 1008 of the Water Resources Reform and Development Act (WRRDA) of 2014 to assess opportunities to increase the development of hydroelectric power at existing Corps water resources development projects.	<b>SEC. 116. ASSESSMENT OF CORPS OF ENGINEERS DAMS.</b>	<b>SEC. 137. EXPEDITING HYDROPOWER AT CORPS OF ENGINEERS FACILITIES.</b>	<i>[Corps dams and hydropower.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8124. Reserve component training at water resources development projects.</b> This section authorizes members of the Armed Forces reserves to support Corps programs when fulfilling reserve training requirements.	<b>SEC. 127. RESERVE COMPONENT TRAINING AT WATER RESOURCES DEVELOPMENT PROJECTS.</b>		<i>[This section is intended to support military training activities or otherwise fulfilling military training requirements by authorizing units or members of a reserve component of the Armed Forces to perform, without reimbursement, services and furnish supplies in support of a Corps civil works (water resources development) project or program under the Corps' civil works program.]</i>
<b>Sec. 8125. Payment of pay and allowances of certain officers from appropriation for improvements.</b> This section authorizes warrant officers and enlisted members of the Armed Forces to support Corps projects or programs.	<b>SEC. 128. PAYMENT OF PAY AND ALLOWANCES OF CERTAIN OFFICERS FROM APPROPRIATION FOR IMPROVEMENTS.</b>	<b>SEC. 124. PAYMENT OF PAY AND ALLOWANCES OF CERTAIN OFFICERS FROM APPROPRIATION FOR IMPROVEMENTS.</b>	<i>This section merged the similar House bill (Sec. 128) and Senate bill (Sec.124) provisions.</i>  <i>[Is related to Corps administration. These provisions broaden the type of uniformed members of the Armed Forces that may be employed by the Corps on civil works projects. The sections authorize specified</i>

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			<i>members of the Armed Forces reserves, warrant officers, and enlisted members to be employed by the Corps, work on and support Corps programs, and be paid from the appropriations for the projects on which they are working.]</i>
<b>Sec. 8126. Maintenance dredging permits.</b> This section encourages the Secretary to prioritize the reissuance of any regional general permit for maintenance dredging that expired prior to May 1, 2021, in accordance with relevant environmental statutes.		<b>SEC. 356. MAINTENANCE DREDGING PERMITS.</b>	<i>[Dredging-related.]</i>
<b>Sec. 8127. Environmental dredging.</b> This section directs the Secretary to coordinate efforts with other Federal agencies and regional and State agencies responsible for the remediation of contaminated sediments at certain authorized Corps projects.	<b>SEC. 126. ENVIRONMENTAL DREDGING.</b>	<b>SEC. 340. ECOSYSTEM RESTORATION COORDINATION.</b>	<i>[Environmental (contaminated sediments) dredging related.] [Clarifies that the Corps has the authority to remediate contaminated sediments at certain specified authorized projects where contamination exists. ]</i>
<b>Sec. 8128. Assessment of regional confined aquatic disposal facilities.</b> This section directs the Secretary to assess the availability and need for confined disposal facilities for the New England District region.	<b>SEC. 123. ASSESSMENT OF REGIONAL CONFINED AQUATIC DISPOSAL FACILITIES.</b>		<i>[Dredging-related/disposal facilities.]</i>
<b>Sec. 8129. Studies for periodic nourishment.</b> This section amends section 156 of WRDA 1976 to increase the maximum additional period of beach nourishment for a water resources development project from 15 additional years to 50 additional years. This section also extends eligibility for nourishment for projects meeting certain criteria.		<b>SEC. 204. STUDIES FOR PERIODIC NOURISHMENT.</b>	<i>[Beach renourishment. Many beach/coastal communities support and would benefit from this.]  [The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8130. Beneficial use of dredged material; management plans.</b> This section directs the Secretary to develop a strategic plan for fully implementing the Federal authority for maximizing the beneficial use of dredged material. This section also directs the Secretary, when formulating dredged material management plans for a federally authorized harbor in the state of Ohio, to include a	<b>SEC. 124. STRATEGIC PLAN ON BENEFICIAL USE OF DREDGED MATERIAL.</b>	<b>SEC. 139. DREDGED MATERIAL MANAGEMENT PLANS.</b>	<i>Combines provisions from the House bill (Sec. 124) and the Senate bill (Sec. 139).  [Dredging/disposal facilities and dredged material management plans; beneficial use of dredged material-related; this section is</i>



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prohibition on open-lake disposal of dredged material consistent with existing law and maximize the beneficial reuse of dredged material.			<p><i>trying to nudge the Corps along on more fully developing dredged material management plans (especially in Ohio) and implementing the Federal authority for maximizing the beneficial use of dredged material, because the Corps has been slow to do so.]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<b>Sec. 8131. Criteria for funding operation and maintenance of small, remote, and subsistence harbors.</b> This section requires the Secretary to develop criteria for the annual evaluation and ranking of maintenance dredging requirements for small, remote, and subsistence harbors and include such criteria in the annual Civil Works Direct Program Development Policy Guidance of the Corps. This section also requires a biennial report to Congress that identifies the ranking of projects based on the criteria developed under this section.		<b>SEC. 135. CRITERIA FOR FUNDING OPERATION AND MAINTENANCE OF SMALL, REMOTE, AND SUBSISTENCE HARBORS.</b>	<p><i>[Small, remote, and subsistence harbors; in part dredging-related.]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<b>Sec. 8132. Additional projects for underserved community harbors.</b> This section authorizes the Secretary to carry out additional projects to dredge underserved community harbors for sustaining water-dependent commercial and recreational activities at such harbors. This section also specifies cost-share requirements for such projects and requires not less than 35 percent of annual funds be used for projects that include the beneficial use of dredged material.		<b>SEC. 116. UNDERSERVED COMMUNITY HARBOR PROJECTS.</b>	<p><i>[Dredging-related.]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<b>Sec. 8133. Inland waterways regional dredge pilot program.</b> This section authorizes the Secretary to establish a pilot program to award combined operations and maintenance and construction dredging contracts of up to five years for projects on inland waterways.		<b>SEC. 130. INLAND WATERWAYS REGIONAL DREDGE PILOT PROGRAM.</b>	<p><i>[Inland waterways; in part dredging-related.]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<b>Sec. 8134. NEPA reporting.</b> This section requires the Secretary to track and provide an annual report		<b>SEC. 205. NEPA REPORTING.</b>	

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to Congress on the timeframes for completing environmental reviews for water resources development projects, as required by the National Environmental Policy Act (NEPA) of 1969.			
<b>Sec. 8135. Funding to process permits.</b> This section amends section 214 of WRDA 2000 to authorize the Secretary to include the evaluation of a mitigation bank instrument in the expedited review of a qualifying permit under such section.	<b>SEC. 125. FUNDING TO REVIEW MITIGATION BANKING PROPOSALS FROM NON-FEDERAL PUBLIC ENTITIES.</b>	<b>SEC. 131. FUNDING TO PROCESS PERMITS.</b>	<p><i>The final provision is based more on the Senate bill (Sec. 131) provisions, but with a controversial restriction provision, contained in the Senate bill, removed in the final bill.</i></p> <p><i>[The Senate WRDA bill contained a restriction that would limit a non-Federal public entity seeking to expend funds to expedite the review of a proposal for a mitigation bank under Section 214 from selling the amount of available credits to other public or private entities to 25% of the available credits.</i></p> <p><i>Such limitation was concerning to some public entities, such as some ports, that would like to advance mitigation bank proposals. Elimination of such restriction should be helpful for such entities.]</i></p>
<b>Sec. 8136. Lease durations.</b> This section requires the Secretary to issue guidance regarding when a lease duration of more than 25 years is appropriate and in the public interest. This guidance applies when the Corps makes a leasing decision pursuant to section 2267 of title 10, United States Code, or section 4 of the Flood Control Act of 1944.		<b>SEC. 122. LEASE DURATIONS.</b>	<p><i>[Directive to issue guidance on leases.]</i></p> <p><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></p>
<b>Sec. 8137. Reforestation.</b> This section encourages the Secretary to consider measures to restore swamps and other wetland forests in studies for water resources development projects for ecosystem restoration and flood and coastal storm risk management.		<b>SEC. 125. REFORESTATION.</b>	<i>[Program authority modification.]</i>
<b>Sec. 8138. Emergency streambank and shoreline protection.</b> This section amends section 14 of the		<b>SEC. 136. PROTECTION OF LIGHTHOUSES.</b>	<i>[Program modification.]</i>

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Flood Control Act of 1946 to increase the Federal share of a project to \$10 million and to allow funds to be used for the protection of lighthouses, including lighthouses with historical value.			
<b>Sec. 8139. Lease deviations.</b> This section directs the Secretary to meet the requirements of section 153 of WRDA 2020 regarding deviations for the terms and length of leases between the Corps and non-Federal lessees.		<b>SEC. 140. LEASE DEVIATIONS.</b>	<i>[This section reminds the Corps to implement Section 153 of WRDA 2020. (In the Corps WRDA 2020 implementation, they indicated that “no additional guidance is needed”).]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8140. Policy and technical standards.</b> This section directs the Secretary to update certain policy and technical standards publications for its Civil Works programs every five years.		<b>SEC. 105. POLICY AND TECHNICAL STANDARDS.</b>	<i>[Corps administrative related provisions.]</i>
<b>Sec. 8141. Corps records relating to harmful algal blooms in Lake Okeechobee, Florida.</b> This section requires the Secretary to indicate exposure to microcystin in the service records of service members and civilian employees of the Corps who perform covered duties at Lake Okeechobee, Florida.	<b>SEC. 132. RECORDS REGARDING MEMBERS AND EMPLOYEES OF THE CORPS OF ENGINEERS WHO PERFORM DUTY AT LAKE OKEECHOBEE, FLORIDA, DURING A HARMFUL ALGAL BLOOM.</b>		<i>[This section directs the Secretary to indicate exposure to microcystin in the service record of designated Corps employees. This section was originally added to the House bill at the T&amp;I Committee markup by a Florida Member who wants to put pressure on the Corps to reduce nutrients and algal pollution in Lake Okeechobee’s waters.]</i>
<b>Sec. 8142. Forecasting models for the Great Lakes.</b> This section authorizes funding to complete and maintain a model suite to forecast water levels of the Great Lakes.		<b>SEC. 113. RESEARCH AND DEVELOPMENT.</b>	<i>[This section is derived from a provision within a section of the Senate WRDA bill (Sec. 113, Research and Development).]</i>
<b>Sec. 8143. Monitoring and assessment program for saline lakes in the Great Basin.</b> This section authorizes the Secretary to carry out a monitoring and assessment program for the hydrology of saline lake ecosystems in the Great Basin.		<b>SEC. 113. RESEARCH AND DEVELOPMENT.</b>	<i>[This section is derived from a provision within a section of the Senate WRDA bill (Sec. 113, Research and Development).]</i>
<b>Sec. 8144. Chattahoochee River program.</b> This section requires the Secretary to establish a program to provide assistance to non-Federal		<b>SEC. 405. CHATTAHOOCHEE RIVER PROGRAM.</b>	<i>[Technical (design, construction, &amp; related) assistance to non-Federal interests.]</i>

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interests in the Chattahoochee River Basin for water-related resource protection and restoration projects affecting the basin.			
<b>Sec. 8145. Lower Mississippi River Basin demonstration program.</b> This section requires the Secretary to establish a program to provide assistance to non-Federal interests in the Lower Mississippi River Basin for projects focused on flood or coastal storm risk management or aquatic ecosystem restoration.		<b>SEC. 406. LOWER MISSISSIPPI RIVER BASIN DEMONSTRATION PROGRAM.</b>	<i>[Technical (design, construction, &amp; related) assistance to non-Federal interests.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8146. Washington Aqueduct.</b> This section authorizes the Secretary to carry out capital improvements for the Washington Aqueduct.	<b>SEC. 131. WASHINGTON AQUEDUCT.</b>		<i>[This provision was apparently deleted from the House WRDA bill when it went to the House floor, but it reappeared here in the final bill.]</i>
<b>Sec. 8147. Water infrastructure public-private partnership pilot program.</b> This section amends section 5014 of WRRDA 2014 to ensure that ecosystem restoration projects are eligible under the pilot program.	<b>SEC. 134. WATER INFRASTRUCTURE PUBLIC-PRIVATE PARTNERSHIP PILOT PROGRAM.</b>		<i>[It appears there are no P3 projects under development and validation at this time by the Corps. The Corps apparently is currently seeking new P3 project proposals.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8148. Advanced payment in lieu of reimbursement for certain Federal costs.</b> This section authorizes the Secretary to provide, in advance to the non-Federal interest, the Federal share of funds required for the acquisition of land, easements, rights-of-way, and relocations for designated projects.		<b>SEC. 111. ADVANCE PAYMENT IN LIEU OF REIMBURSEMENT FOR CERTAIN FEDERAL COSTS.</b>	<i>[Program authority modification.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8149. Use of other Federal funds.</b> This section amends section 2007 of WRDA 2007 to allow the non-Federal interest for a water resources development study or project, a study or project under a Continuing Authority Program, or an environmental infrastructure study or project to use funds provided by another Federal agency to satisfy		<b>SEC. 126. USE OF OTHER FEDERAL FUNDS.</b>	<i>[Program authority modification.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>

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the non-Federal share of the cost of the study or project, if certain conditions are met.			
<b>Sec. 8150. Non-Federal Interest Advisory Committee.</b> This section requires the Secretary to establish a Non-Federal Interest Advisory Committee, in accordance with the Federal Advisory Committee Act. This Committee is directed to provide the Secretary with advice and recommendations to ensure more effective and efficient delivery of water resources development projects, programs, and other assistance.		<b>SEC. 115. NON-FEDERAL INTEREST (NFI) ADVISORY COMMITTEE.</b>	<i>[New program authority to establish advisory committee.]</i>  <i>[The Corps should consider developing Implementation Guidance for this section.]</i>
<b>Sec. 8151. Materials, services, and funds for repair, restoration, or rehabilitation of certain public recreation facilities.</b> This section authorizes the Secretary to accept and use non-Federal materials, services, and funds to repair, restore, or rehabilitate public recreation facilities at Corps-operated reservoirs in the Upper Missouri River Basin during periods of low water.		<b>SEC. 138. MATERIALS, SERVICES, AND FUNDS FOR REPAIR, RESTORATION, OR REHABILITATION OF CERTAIN PUBLIC RECREATION FACILITIES.</b>	<i>Based on a similar provision in the Senate bill (Sec. 138), but scope was narrowed in the final bill to apply only to the Upper Missouri River Basin (instead of any reservoir around the Nation operated by the Corps).</i>  <i>[Pertains to Corps recreational areas.]</i>
<b>Sec. 8152. Rehabilitation of pump stations.</b> This section amends section 133 of WRDA 2020 to allow the Secretary to rehabilitate non-Federal pump stations if they are integral to the operation of a broader Corps project for flood or coastal storm risk management.		<b>SEC. 313. REHABILITATION OF CORPS OF ENGINEERS CONSTRUCTED PUMP STATIONS.</b>	<i>[Program modification.]</i>
<b>Sec. 8153. Report to Congress on Corps of Engineers reservoirs.</b> This section directs the Secretary to expedite completion of, and make publicly available, the updated report on Corps reservoirs (entitled “Authorized and Operating Purposes of Corps of Engineers Reservoirs”) required by section 1046(a)(2)(B) of WRRDA 2014.			<i>The House and Senate bills had numerous provisions calling for Corps reports to Congress, but this provision appears to have been airdropped into the final bill.</i>
<b>Sec. 8154. Temporary relocation assistance pilot program.</b> This section directs the Secretary to establish a pilot program to evaluate the effect of including temporary relocation assistance provided by the non-Federal interest in the non-Federal interest’s cost-share for designated water resources development projects that use nonstructural measures. These measures are for the elevation or modification of a dwelling that is a primary residence and for the instance that an owner-		<b>SECTION 120. RELOCATION ASSISTANCE.</b>	<i>This provision in the final bill is largely rewritten or is new, but appears to be indirectly related to or have conceptually originated from Sec. 120 (entitled “Relocation Assistance”) of the Senate bill, (That provision authorized the Corps to cover temporary relocation benefits using nonstructural measures for</i>

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occupant is required to relocate temporarily from the dwelling during the period of construction.			<p><i>the elevation or modification of a dwelling that is a primary residence, where the owner occupant is required to relocate temporarily from the dwelling during the period of construction.)</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<p><b>Sec. 8155. Continuation of construction.</b> This section provides the Secretary with temporary authority to continue with the construction of certain projects. This section also directs the Secretary to provide the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate with a written notification of projects requiring potential modification by Congress.</p>		<p><b>SEC. 142. CONTINUATION OF CONSTRUCTION.</b></p>	<p><i>[This section in the final bill is based on, but has modified, Sec. 142 of the Senate bill. This section provides the Corps with greater flexibility when a Section 902 (WRDA 1986) cost cap is reached or exceeded.]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<p><b>Sec. 8156. Federal interest determination.</b> This section amends section 905(b)(1) of WRDA 1986 to expand the authority of the Secretary to, at Federal expense (not to exceed \$200,000), determine the Federal interest in carrying out a study and the project that it may propose.</p>	<p><b>SEC. 108. PRELIMINARY ANALYSIS.</b></p>		<p><i>This provision appears to be indirectly derived (and is substantially revised) from Sec. 108 of the House bill.</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<p><b>Sec. 8157. Inland waterway projects.</b> This section makes permanent the existing cost-share for authorized navigation projects on the inland waterways (65 percent from the General Fund of the U.S. Treasury and 35 percent from the Inland Waterways Trust Fund) that was set to expire in 2030.</p>		<p><b>SEC. 103. INLAND WATERWAYS PROJECTS.</b></p>	<p><i>The Federal/non-Federal sponsor cost share of 65/35 for the Inland Waterways Trust Fund (IWTF) in the final bill is a compromise between the House and Senate negotiators. The Senate provision (Sec. 103), on which this is based, would have set the Federal/non-Federal sponsor cost share at 75/25 for the IWTF.</i></p>

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<b>Sec. 8158. Corps of Engineers Western Water Cooperative Committee.</b> This section requires the Secretary to establish a Western Water Cooperative Committee. The Committee is directed to work with the Secretary to ensure that water resources development projects in Western States are operated in a manner consistent with congressional directives by identifying opportunities to avoid or minimize conflicts between the operation of those projects and water rights and water laws of Western States.		<b>SECTION 117. CORPS OF ENGINEERS WESTERN WATER COOPERATIVE COMMITTEE.</b>	<i>[Relates to Western water issues.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8159. Support of Army civil works missions.</b> This section authorizes the Secretary to enter into cooperative agreements, contracts, or any other authorized means to support the civil works missions of the Corps.	<b>SEC. 130. SUPPORT OF ARMY CIVIL WORKS PROGRAM.</b>		<i>[This section provides authority for the Corps to provide technical assistance through four specified academic institutions for studies in particular river basins. The four specified academic institutions are the University of Delaware, Oregon State University, the University of Missouri, and West Virginia University.]</i>
<b>Sec. 8160. Civil works research and development.</b> This section expands the basic research and development capabilities of the Corps to support its missions and authorities and authorizes the Corps to enter into transactions other than contracts, cooperative agreements, and grants, when carrying out prototype projects.	<b>SEC. 129. CIVIL WORKS RESEARCH, DEVELOPMENT, TESTING, AND EVALUATION.</b>	<b>SEC. 113. RESEARCH AND DEVELOPMENT.</b>	<i>This section is based on the House bill provision (Sec. 129); the Senate WRDA bill (Sec. 113) has a somewhat similar provision.</i>  <i>[Expanded R&amp;D work to support the Corps' civil works function could be beneficial to the program.]</i>
<b>Sec. 8161. Sense of Congress on operations and maintenance of recreation sites.</b> This section expresses a sense of Congress that the Secretary, as part of the annual work plan, should distribute amounts provided for the operations and maintenance of recreation sites of the Corps of Engineers so that each site annually receives an amount that is not less than 80 percent of the recreation fees generated by such site.		<b>SEC. 119. SENSE OF CONGRESS ON OPERATIONS AND MAINTENANCE OF RECREATION SITES.</b>	<i>[The Senate-passed WRDA bill changed Section 119 into a "Sense of Congress" on operations and maintenance of recreation sites of the Corps of Engineers. This revision was likely made because the earlier version of Section 119, which authorized the Corps to retain not less than 80 percent of the recreation user fees collected at a Corps recreation site for utilization at that site (instead of</i>

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			<p><i>such funds going to the General Treasury), created a scoring issue. Changing this provision into a “Sense of Congress” eliminated the scoring concern.]</i></p> <p><i>[This section pertains to Corps recreational areas and recreational uses.]</i></p>
<p><b>Sec. 8162. Sense of Congress relating to post-disaster repairs.</b> This section expresses a sense of Congress that the Secretary should, in scoping and funding post-disaster repairs, repair assets to the project design levels or above project design levels if the original project design is outdated.</p>		<p><b>SEC. 123. SENSE OF CONGRESS RELATING TO POST-DISASTER REPAIRS.</b></p>	<p><i>[Increased resilience in post-disaster repairs. Is also related to Senate bill Sec. 112, and House bill Sec. 102, both related to increased resilience in post-disaster repairs.]</i></p> <p><i>[These provisions aim to address a major concern of shore communities seeking to maintain adequate protection when repairing or restoring shore protection projects, considering concerns about relative sea level change and more extreme weather events.]</i></p> <p><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></p>
<b><u>Subtitle B – Studies and Reports</u></b>	<b><u>TITLE II—STUDIES AND REPORTS</u></b>	<b><u>TITLE II—STUDIES AND REPORTS</u></b>	
<p><b>Sec. 8201. Authorization of proposed feasibility studies.</b> This section authorizes the Secretary to carry out 94 new feasibility studies and 12 studies of modifications to existing water resources development projects.</p> <p>(a) <b><u>NEW PROJECTS:</u></b></p>	<p><b>SEC. 201. AUTHORIZATION OF PROPOSED FEASIBILITY STUDIES.</b></p>	<p><b>SEC. 201. AUTHORIZATION OF FEASIBILITY STUDIES.</b></p> <p><b>SEC. 202. SPECIAL RULES.</b></p>	<p><i>[New feasibility studies and study modifications.]</i></p> <p><i>[The House bill authorized 72 new feasibility studies and 8 feasibility studies for modification of projects; the bill also</i></p>



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<p>(1) DUDLEYVILLE, AR  (2) M CMICKEN DAM, AR  (3) CONN CREEK DAM, CA  (4) CITY OF HUNTINGTON BEACH, CA  (5) NAPA RIVER, CA  (6) PETALUMA RIVER WETLANDS, CA  (7) CITY OF RIALTO, CA  (8) NORTH RICHMOND, CA  (9) STRATFORD, CT  (10) THATCHBED ISLAND, CT  (11) WOODBRIDGE, CT  (12) FEDERAL TRIANGLE AREA, WASHINGTON, DC  (13) POTOMAC AND ANACOSTIA RIVERS, WASHINGTON, DC  (14) WASHINGTON METROPOLITAN AREA, DC, MD, &amp; VA  (15) TOWN OF LONGBOAT KEY, FL  (16) LAKE RUNNYMEDE, FL  (18) PORT TAMPA BAY &amp; MCKAY BAY, FL  (19) LAKE TOHOPEKALIGA, FL  (20) CITY OF ALBANY, GA  (21) CITY OF EAST POINT, GA  (22) CUMBERLAND &amp; SEA ISLANDS, GA  (23) FLINT RIVER BASIN HEADWATERS, CLAYTON COUNTY, GA  (24) COUNTY OF HAWAII , HI  (25) MAUI, HI  (26) WAIKIKI, HI  (27) WAILUPE STREAM WATERSHED, HI  (28) COLUMBUS, KY  (29) CUMBERLAND RIVER, KY  (30) JENKINS, KY  (31) KENTUCKY RIVER, KY  (32) NEWPORT, KY  (33) ELLICOTT CITY &amp; HOWARD COUNTY, MD  (34) ASSAWOMPSET POND COMPLEX, MA  (35) CHARLES RIVER, MA  (36) CHELSEA CREEK AND MILL CREEK, M  (37) CONNECTICUT RIVER STREAMBANK EROSION, MA, VT, &amp; NH  (38) DEERFIELD RIVER, MA  (39) TOWN OF NORTH ATTLEBOROUGH, MA  (40) TOWN OF HULL, MA  (41) CITY OF REVERE, MA  (42) LOWER EAST SIDE, DETROIT, MI  (43) ELJAH ROOT DAM, MI  (44) GROSSE POINTE SHORES &amp; GROSSE POINTE FARMS, MI  (45) SOUTHEAST MICHIGAN, MI  (46) TITTABAWASSEE RIVER, CHIPPEWA RIVER, PINE RIVER, &amp; TOBACCO RIVER, MI  (47) SOUTHWEST MISSISSIPPI, MS  (48) BELLEVUE, NE  (49) PAPILLION CREEK, NE  (50) SARPY COUNTY, NE  (51) CAMDEN &amp; GLOUCESTER COUNTY, NJ  (52) EDGEWATER, NJ  (53) MAURICE RIVER, NJ  (54) NORTHERN NJ INLAND FLOODING, NJ  (55) RISER DITCH, NJ  (56) ROCKAWAY RIVER, NJ</p>			<p><i>authorized project feasibility study modifications for 9 projects.</i></p> <p><i>The Senate bill authorized 28 new feasibility studies, including studies for modifications to existing projects; the bill also authorized project feasibility study modifications for 8 projects.]</i></p>

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<p>(57) TENAKILL BROOK, NJ  (58) VERONA, CEDAR GROVE, &amp; WEST CALDWELL, NJ  (59) WHIPPANY RIVER WATERSHED, NJ  (60) LAKE FARMINGTON DAM, NM  (61) MCCLURE DAM, NM  (62) BLIND BROOK, NY  (63) BROOKLYN NAVY YARD, NY  (64) CONNETQUOT RIVER &amp; GREEN CREEK, NY  (65) HUTCHINSON RIVER, NY  (66) MOHAWK RIVER BASIN, NY  (67) NEWTOWN CREEK, NY  (68) JOHN J. BURNS PARK, OYSTER BAY, NY  (69) JOSEPH J. SALADINO MEMORIAL MARINA, OYSTER BAY, NY  (70) SAW MILL RIVER, NY  (71) SOUTH SHORE OF LONG ISLAND, NY  (72) UPPER EAST RIVER &amp; FLUSHING BAY, NY  (73) CAPE FEAR RIVER BASIN, NC  (74) OREGON INLET, NC  (75) MINERAL RIDGE DAM, OH  (76) MILL CREEK LEVEE &amp; WALLA WALLA RIVER, OR  (77) BRODHEAD CREEK WATERSHED, PA  (78) CHARTIERS CREEK WATERSHED, PA  (79) COPLAY CREEK, PA  (80) BERKELEY COUNTY, SC  (81) BIG SIOUX RIVER, SD  (82) EL PASO COUNTY, TX  (83) GULF INTRACOASTAL WATERWAY CHANNEL TO PALACIOS, TX  (84) HIDALGO &amp; CAMERON COUNTIES, TX  (85) SIKES LAKE, TX  (86) SOUTHWEST BORDER REGION, TX  (87) LOWER CLEAR CREEK &amp; DICKINSON BAYOU, TX  (88) GREAT SALT LAKE, UT  (89) CEDAR ISLAND, VA  (90) BALLINGER CREEK, WA  (91) CITY OF NORTH BEND, WA  (92) TANEUM CREEK, WA  (93) CITY OF HUNTINGTON, WV  (94) FOX - WOLF BASIN, WI</p> <p><b>(b) Project Modifications:</b></p> <p>(1) CRAIGHEAD, POINSETT, &amp; CROSS COUNTIES, AR  (2) SHINGLE CREEK &amp; KISSIMMEE RIVER, FL  (3) JACKSONVILLE HARBOR, FL  (4) SAVANNAH HARBOR, GA  (5) HONOLULU HARBOR, HI  (6) CEDAR RIVER , CEDAR RAPIDS, IA  (7) SOUTH HAVEN HARBOR, MI  (8) SALEM RIVER , SALEM COUNTY, NJ  (9) PORT OF OGDENSBURG, NY  (10) ROLLINSON CHANNEL &amp; HATTERAS INLET TO HATTERAS, NC  (11) HIRAM M. CHITTENDEN LOCKS, LAKE WASHINGTON SHIP CANAL, WA  (12) HUNTINGTON, WV</p>			

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<p><b>Sec. 8202. Expedited completion.</b> This section directs the Secretary to expedite the completion of 25 authorized water resources development project feasibility reports, two post-authorization change reports, two authorized watershed and river basin assessments, and one determination related to the maintenance of a Corps navigation project. Upon completion of the study, if the Corps determines that the project is justified, the Corps may proceed directly to preconstruction planning, engineering, and design.</p> <p><b>(a) FEASIBILITY STUDIES:</b></p> <ol style="list-style-type: none"> <li>(1) Auke Bay, Alaska.</li> <li>(2) Cave Buttes Dam, AZ</li> <li>(3) Branford Harbor &amp; Stony Creek Channel, CT</li> <li>(4) East Hartford Levee System, CT</li> <li>(5) Guilford Harbor &amp; Sluice Channel, CT</li> <li>(6) Lake Okeechobee, FL</li> <li>(7) Western Everglades, FL</li> <li>(8) Hilo Harbor, HI</li> <li>(9) Fox River, IL</li> <li>(10) Illinois River, Chicago River, Calumet River, Grand Calumet River, Little Calumet River, &amp; other waterways in the vicinity of Chicago, IL</li> <li>(11) Chicago Shoreline, IL</li> <li>(12) St. Tammany Parish, LA</li> <li>(13) Baltimore Harbor &amp; Channels–Seagirt Loop Deepening, MD</li> <li>(14) Boston North Shore, Revere, Saugus, Lynn, Malden, &amp; Everett, MA</li> <li>(15) Chelsea, MA</li> <li>(16) Herring River Estuary, Barnstable County, MA</li> <li>(17) North Adams, MA</li> <li>(18) Nauset Barrier Beach &amp; inlet system, Chatham, MA</li> <li>(19) DeSoto County, Mississippi.</li> <li>(20) Rahway, NJ</li> <li>(21) Raritan Bay &amp; Sandy Hook Bay, NJ</li> <li>(22) Sea Bright to Manasquan, NJ</li> <li>(23) Rio Grande de Loiza, PR</li> <li>(24) Rio Nigua, Salinas, PR</li> <li>(25) Kanawha River Basin, WV &amp; NC</li> </ol> <p><b>(b) POST-AUTHORIZATION CHANGE REPORTS:</b></p> <ol style="list-style-type: none"> <li>(1) Tres Rios, AZ</li> <li>(2) Surf City &amp; North Topsail Beach, NC</li> </ol> <p><b>(c) WATERSHED AND RIVER BASIN ASSESSMENTS:</b></p> <ol style="list-style-type: none"> <li>(1) Great Lakes Coastal Resiliency Study</li> <li>(2) County of Hawaii, HI</li> </ol> <p><b>(d) MAINTENANCE OF NAVIGATION CHANNELS:</b></p>	<p><b>SEC. 202. EXPEDITED COMPLETION.</b></p>	<p><b>SEC. 203. EXPEDITED COMPLETION OF STUDIES.</b></p>	<p><i>[Expedites.]</i></p> <p><i>[The House bill directed the Corps to expedite the completion of 14 feasibility studies, and also directed the Corps to expedite the completion of 2 post-authorization change reports for existing projects, 1 watershed assessment, and 2 proposed feasibility determinations for navigation projects to be carried out by non-Federal interests.</i></p> <p><i>The Senate bill directed the Corps to expedite the completion of 21 feasibility study reports, 4 post-authorization change reports (PACRs), 3 watershed and river basin assessments, and 1 disposition study.]</i></p>

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Expedite the completion of the feasibility of improvements for Coos Bay, OR			
<p><b>Sec. 8203. Expedited modifications of existing feasibility studies.</b> This section directs the Secretary to expedite modifications to the scope of five authorized feasibility studies.</p> <p>(1) MARE ISLAND STRAIT, CA  (2) LAKE PONTCHARTRAIN &amp; VICINITY, LA  (3) BLACKSTONE RIVER VALLEY, RI &amp; MA  (4) LOWER SADDLE RIVER , NJ  (5) TRINITY RIVER &amp; TRIBUTARIES, TX</p>	<b>SEC. 203. EXPEDITED MODIFICATIONS OF EXISTING FEASIBILITY STUDIES.</b>	<b>SEC. 363. TRINITY RIVER AND TRIBUTARIES, TEXAS.</b>	<p><i>[Expedited modifications of existing feasibility studies.]</i></p> <p><i>[The House bill directed the Corps to expedite modifications to the scope or process of 4 feasibility studies underway.]</i></p>
<b>Sec. 8204. Corps of Engineers reservoir sedimentation assessment.</b> This section directs the Secretary to assess, and submit a report to Congress, on sedimentation issues and impacts at reservoirs owned or operated by the Corps.	<b>SEC. 204. CORPS OF ENGINEERS RESERVOIR SEDIMENTATION ASSESSMENT.</b>		<i>[New study authorities.]</i>
<b>Sec. 8205. Report and recommendations on dredge capacity.</b> This section directs the Secretary to submit a report to Congress on current and future public and private dredge capacity and availability to meet dredging needs nationwide, including any recommendations for increasing dredging capacity.	<b>SEC. 206. REPORT AND RECOMMENDATIONS ON DREDGE CAPACITY.</b>		<i>[Dredging-related.]</i>
<b>Sec. 8206. Assessment of impacts from changing operation and maintenance responsibilities.</b> This section directs the Secretary to submit a report to Congress on the costs and effects of increasing the depths (to 55 ft.) at which operation and maintenance at a harbor or inland harbor is a Federal responsibility.	<b>SEC. 205. ASSESSMENT OF IMPACTS FROM CHANGING OPERATION AND MAINTENANCE RESPONSIBILITIES.</b>		<i>[Dredging-related; harbor depths and maintenance.]</i>
<b>Sec. 8207. Maintenance dredging data.</b> This section expands the maintenance dredging database to include information on costs associated with the disposal of dredged material.	<b>SEC. 207. MAINTENANCE DREDGING DATA.</b>		<i>[Dredging-related/disposal facilities.]</i>
<b>Sec. 8208. Western infrastructure study.</b> This section directs the Secretary to conduct a comprehensive study to evaluate the effectiveness of carrying out additional measures, including those that utilize natural features or nature-based features, at or upstream of reservoirs owned and operated by the Corps in the South Pacific Division.	<b>SEC. 226. WESTERN INFRASTRUCTURE STUDY.</b>	<b>SEC. 214. WESTERN INFRASTRUCTURE STUDY.</b>	<i>[Western water issues and infrastructure.]</i>
<b>Sec. 8209. Recreation and economic development at Corps facilities in Appalachia.</b> This section directs the Secretary to submit a plan to the Committee on Transportation and Infrastructure of the House and the Committee on		<b>SEC. 217. RECREATION AND ECONOMIC DEVELOPMENT AT CORPS FACILITIES IN APPALACHIA.</b>	<i>[Directive to develop plan.]</i>

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Environment and Public Works of the Senate to implement the recreational and economic development opportunities identified in the report prepared under section 206 of WRDA 2020.			
<b>Sec. 8210. Ouachita River watershed, Arkansas and Louisiana.</b> This section directs the Secretary to conduct a review of projects in the Ouachita River watershed, Arkansas and Louisiana, under section 216 of the Flood Control Act of 1970.	<b>SEC. 209. OUACHITA RIVER WATERSHED, ARKANSAS AND LOUISIANA.</b>		<i>[Directive to conduct study.]</i>
<b>Sec. 8211. Report on Santa Barbara streams, Lower Mission Creek, California.</b> This section directs the Secretary to submit to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate a report that provides an updated economic review of the remaining portions of the project for flood damage reduction at Santa Barbara streams, Lower Mission Creek, California.	<b>SEC. 210. REPORT ON SANTA BARBARA STREAMS, LOWER MISSION CREEK, CALIFORNIA.</b>		<i>[Directive to conduct updated study.]</i>
<b>Sec. 8212. Disposition study on Salinas Dam and Reservoir, California.</b> This section clarifies the details to be included in the ongoing disposition study for the project for Salinas Dam, California.	<b>SEC. 211. DISPOSITION STUDY ON SALINAS DAM AND RESERVOIR, CALIFORNIA.</b>		<i>[Dams/reservoirs.]</i>
<b>Sec. 8213. Excess lands report for Whittier Narrows Dam, California.</b> This section directs the Secretary to submit a report to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate that identifies any excess property at Whittier Narrows Dam that could be transferred to the city of Pico Rivera, California, for the replacement of recreational facilities adversely impacted by ongoing safety repairs at such dam.	<b>SEC. 212. EXCESS LANDS REPORT FOR WHITTIER NARROWS DAM, CALIFORNIA.</b>		<i>[Dams/reservoirs.]</i>
<b>Sec. 8214. Comprehensive central and southern Florida study.</b> This section authorizes a study of opportunities for resiliency and other improvements or modifications to existing Corps projects in central and southern Florida.	<b>SEC. 214. COMPREHENSIVE CENTRAL AND SOUTHERN FLORIDA STUDY.</b>		<i>[Florida/Lake Okeechobee/ CERP/ecosystem restoration.]</i>
<b>Sec. 8215. Northern estuaries ecosystem restoration, Florida.</b> This section directs the Secretary to develop a proposed comprehensive plan for the purpose of restoring, preserving, and protecting the Caloosahatchee Estuary, Charlotte Harbor, Indian River Lagoon, Lake Worth Lagoon, and St. Lucie River Estuary (collectively referred to as the "Northern Estuaries") in Florida.	<b>SEC. 216. NORTHERN ESTUARIES ECOSYSTEM RESTORATION, FLORIDA.</b>		<i>[Feasibility study/comprehensive plan development; Florida/ ecosystem restoration.]</i>

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<b>Sec. 8216. Study on shellfish habitat and seagrass, Florida Central Gulf Coast.</b> This section authorizes the Secretary to study and report to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate on the project and activities carried out by the Corps' Engineer Research and Development Center (ERDC) to restore shellfish habitat and seagrass in coastal estuaries in the Florida Central Gulf Coast.	<b>SEC. 215. STUDY ON SHELLFISH HABITAT AND SEAGRASS, FLORIDA CENTRAL GULF COAST.</b>		<i>[New study authority; Florida/ecosystem restoration.]</i>
<b>Sec. 8217. Report on South Florida ecosystem restoration plan implementation.</b> This section directs the Secretary to submit a report to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate on the status and costs of authorized projects or studies within the Comprehensive Everglades Restoration Plan and the South Florida Ecosystem Restoration Plan Integrated Delivery Schedule, and the review of the Lake Okeechobee Regulation Schedule.	<b>SEC. 217. REPORT ON SOUTH FLORIDA ECOSYSTEM RESTORATION PLAN IMPLEMENTATION.</b>		<i>[Study directive. Florida/Lake Okeechobee/ CERP/ecosystem restoration.]</i>
<b>Sec. 8218. Great Lakes recreational boating.</b> This section requires the Secretary to submit an updated report to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate on the economic benefits of recreational boating in the Great Lakes basin previously authorized under section 455(c) of WRDA 1999.		<b>SEC. 211. GREAT LAKES RECREATIONAL BOATING.</b>	<i>[Updated study directive. Recreational boating in the Great Lakes.]</i>
<b>Sec. 8219. Hydraulic evaluation of Upper Mississippi River and Illinois River.</b> This section directs the Secretary to periodically study the flow frequencies and water surface profiles for certain rivers in the Upper Mississippi River and Illinois River basins.	<b>SEC. 220. HYDRAULIC EVALUATION OF UPPER MISSISSIPPI RIVER AND ILLINOIS RIVER.</b>	<b>SEC. 215. UPPER MISSISSIPPI RIVER AND ILLINOIS WATERWAY SYSTEM.</b>	<i>[Hydraulic studies of the Upper Mississippi &amp; Illinois Rivers. This section in the final bill is based on the House bill provision; however, the provision is also related to the Senate's bill (Sec. 215). See also the somewhat related provisions in Section 8346 of the final bill regarding water level management on the Upper Mississippi River and Illinois Waterway.]</i>
<b>Sec. 8220. Disposition study on hydropower in the Willamette Valley, Oregon.</b> This section directs the Secretary to study the effects of	<b>SEC. 221. DISPOSITION STUDY ON HYDROPOWER</b>		<i>[Study directive. Dams; hydropower.]</i>

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deauthorizing hydropower as an authorized project purpose at dams in the Willamette Valley hydropower project.	<b>IN THE WILLAMETTE VALLEY, OREGON.</b>		
<b>Sec. 8221. Houston Ship Channel Expansion Channel Improvement Project, Texas.</b> This section directs the Secretary to expedite the ongoing study under section 216 of the Flood Control Act of 1970 for modifications to the Houston Ship Channel Expansion to incorporate the construction of certain barge lanes into the project.	<b>SEC. 222. HOUSTON SHIP CHANNEL EXPANSION CHANNEL IMPROVEMENT PROJECT, TEXAS.</b>		<i>[Expedite of feasibility study for modifications to existing project.]</i>
<b>Sec. 8222. Sabine–Neches waterway navigation improvement project, Texas.</b> This section directs the Secretary to expedite the review and coordination of the feasibility study for the Sabine-Neches Waterway navigation project in Texas consistent with section 203(b) of WRDA 1986.	<b>SEC. 223. SABINE-NECHES WATERWAY NAVIGATION IMPROVEMENT PROJECT, TEXAS.</b>	<b>SEC. 210. SABINE-NECHES WATERWAY NAVIGATION IMPROVEMENT PROJECT, TEXAS.</b>	<i>[Expedite of feasibility study.]</i>
<b>Sec. 8223. Norfolk Harbor and Channels, Virginia.</b> This section directs the Secretary to complete a post-authorization change report for the Anchorage F modifications to the Norfolk Harbor and Channels, Virginia navigation project by December 31, 2023.	<b>SEC. 224. NORFOLK HARBOR AND CHANNELS, VA.</b>		<i>[Expedite of post-authorization change report.]</i>
<b>Sec. 8224. Coastal Virginia, Virginia.</b> This section authorizes the Secretary to coordinate with other Federal agencies on the inclusion of property owned or operated by another Federal agency in the scope of the Coastal Virginia feasibility study.	<b>SEC. 225. COASTAL VIRGINIA, VA.</b>		<i>[Feasibility study.]</i>
<b>Sec. 8225. West Virginia hydropower.</b> This section authorizes the Secretary to evaluate the addition of hydropower or energy storage development capacity at seven authorized water resources development projects in West Virginia.		<b>SEC. 216. WEST VIRGINIA HYDROPOWER.</b>	<i>[Feasibility studies; hydropower/energy storage.]</i>
<b>Sec. 8226. Electronic preparation and submission of applications.</b> This section revises the completion deadline for the electronic system required under section 2040 of WRDA 2007 and requires the Secretary to submit quarterly updates to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate on its implementation status.	<b>SEC. 232. ELECTRONIC PREPARATION AND SUBMISSION OF APPLICATIONS.</b>		<i>[Presses the Corps to complete electronic applications project.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8227. Investments for recreation areas.</b> This section expresses the sense of Congress that the Secretary should use all authorities to promote and enhance development and recreational opportunities at lakes that are part of authorized		<b>SEC. 213. INVESTMENTS FOR RECREATION AREAS.</b>	<i>[Recreational areas and uses at Corps facilities.]</i>  <i>[This provision in the final bill is based on Sec. 213 of the Senate</i>

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<p>Corps projects. It also directs the Secretary to submit a report to Congress on investments needed, and plans to, support recreational activities that are part of authorized projects.</p>			<p><i>bill. The issue of recreational areas and uses is also addressed in the House bill, Sec. 107 (Public Recreational Amenities in Ecosystem Restoration Projects), and Sec. 208 (Report to Congress on Economic Valuation of Preservation of Open Space, Recreational Areas, and Habitat Associated With Project Lands); and in Senate bill Sec. 119 (Sense of Congress on Operations and Maintenance of Recreation Sites), and Sec. 138 (Materials, Services, and Funds for Repair, Restoration, or Rehabilitation of Certain Public Recreation Facilities).]</i></p> <p><b><i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i></b></p>
<p><b>Sec. 8228. Automated fee machines.</b> This section directs the Secretary to consider alternatives to automated fee machines for the collection of public recreational access fees at sites and facilities in West Virginia.</p>		<p><b>SEC. 218. AUTOMATED FEE MACHINES.</b></p>	<p><i>[Directive.]</i></p>
<p><b>Sec. 8229. Review of recreational hazards.</b> This section directs the Secretary to review and mitigate threats to recreational safety at the Buford Dam, Georgia, the banks of the Mississippi River, Louisiana, and along the Murderkill River, Delaware.</p>	<p><b>SEC. 218. REVIEW OF RECREATIONAL HAZARDS AT BUFORD DAM, LAKE SIDNEY LANIER, GEORGIA.</b></p> <p><b>SEC. 219. REVIEW OF RECREATIONAL HAZARDS AT THE BANKS OF THE MISSISSIPPI RIVER, LOUISIANA.</b></p>		<p><i>[Directive to review and mitigate threats to recreational safety.]</i></p>
<p><b>Sec. 8230. Assessment of coastal flooding mitigation modeling and testing capacity.</b> This section directs the Secretary to submit a report to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate on the Corps'</p>	<p><b>SEC. 229. ASSESSMENT OF COASTAL FLOODING MITIGATION MODELING AND TESTING CAPACITY.</b></p>		



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ability to model coastal flood mitigation systems and test the effectiveness of the systems in preventing flood damage from storm surge.			
<b>Sec. 8231. Report on socially and economically disadvantaged small business concerns.</b> This section directs the Secretary to submit a report to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate on the use of contracts and subcontracts between the Corps and small disadvantaged businesses.	<b>SEC. 227. REPORT ON SOCIALLY AND ECONOMICALLY DISADVANTAGED SMALL BUSINESS CONCERNS.</b>		<i>[Directive to develop report.]</i>
<b>Sec. 8232. Report on solar energy opportunities.</b> This section directs the Secretary to identify opportunities for integrating solar panels or floating solar at certain Corps projects and properties.	<b>SEC. 228. REPORT ON SOLAR ENERGY OPPORTUNITIES.</b>		<i>[Directive to develop report.]</i>
<b>Sec. 8233. Report to Congress on economic valuation of preservation of open space, recreational areas, and habitat associated with project lands.</b> This section directs the Secretary to review and report to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate on existing policies for the valuation of preserving open space, recreational areas, and habitat as part of a water resources development project.	<b>SEC. 208. REPORT TO CONGRESS ON ECONOMIC VALUATION OF PRESERVATION OF OPEN SPACE, RECREATIONAL AREAS, AND HABITAT ASSOCIATED WITH PROJECT LANDS.</b>		<i>[Directive to develop report. Recreational uses and areas.]</i>
<b>Sec. 8234. Report on corrosion prevention activities.</b> This section directs the Secretary to submit a report to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate on corrosion prevention activities at water resources development projects.	<b>SEC. 233. REPORT ON CORROSION PREVENTION ACTIVITIES.</b>		<i>[Directive to develop report.]</i>
<b>Sec. 8235. Report to Congress on easements related to water resources development projects.</b> This section directs the Secretary to review its policies and procedures related to the use of easements and to identify potential opportunities for increased use of such easements in future water resources development projects.	<b>SEC. 230. REPORT TO CONGRESS ON EASEMENTS RELATED TO WATER RESOURCES DEVELOPMENT PROJECTS.</b>		<i>[Report to Congress on Easements. The House bill's Section 113 ("Flood Easement Database") also dealt with Corps easements.]</i>

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<p><b>Sec. 8236. GAO studies.</b> This section authorizes and directs various studies of Corps programs and policies by the U.S. Government Accountability Office (GAO).</p> <p>(1) <b>STUDY ON PROJECT DISTRIBUTION</b> (assessment of the geographic distribution of annual and supplemental funding for water resources development projects).</p> <p>(2) <b>ASSESSMENT OF CONCESSIONAIRE PRACTICES</b> (assessment of concessionaire rental rates and Corps formulas for setting rates).</p> <p>(3) <b>AUDIT OF PROJECTS OVER BUDGET OR BEHIND SCHEDULE</b> (assessment of ongoing water resources development projects and a review of the factors and conditions resulting in estimated project cost or completion date exceedances).</p> <p>(4) <b>STUDIES ON MITIGATION FOR WATER RESOURCES DEVELOPMENT PROJECTS</b> (assessment of projects and activities to mitigate fish and wildlife losses resulting from the construction, or operation and maintenance, of an authorized water resources development project; also a study on compensatory mitigation and mitigation banks).</p> <p>(5) <b>STUDY ON WATERBORNE COMMERCE STATISTICS</b> (assessment of ways in which the Corps' Waterborne Commerce Statistics Center can improve the collection of information relating to all commercial maritime activity).</p> <p>(6) <b>STUDY ON THE INTEGRATION OF INFORMATION INTO THE NATIONAL LEVEE DATABASE</b> (review of the sharing and integration of levee information by the Corps and FEMA, and the integration of such information into the National Levee Database).</p> <p>(7) <b>AUDIT OF JOINT COSTS FOR OPERATION AND MAINTENANCE</b> (review of the practices of the Corps with respect to the determination of joint</p>	<p><b>SEC. 234. GAO STUDIES ON MITIGATION.</b></p> <p><b>SEC. 235. STUDY ON WATERBORNE STATISTICS.</b></p> <p><b>SEC. 236. GAO STUDY ON THE INTEGRATION OF INFORMATION INTO THE NATIONAL LEVEE DATABASE.</b></p>	<p><b>SEC. 207. GAO STUDY ON PROJECT DISTRIBUTION.</b></p> <p><b>SEC. 220. REPORT ON CONCESSIONAIRE PRACTICES.</b></p> <p><b>SEC. 206. GAO AUDIT OF PROJECTS OVER BUDGET OR BEHIND SCHEDULE.</b></p> <p><b>SEC. 209. GAO REVIEW OF CORPS OF ENGINEERS MITIGATION PRACTICES.</b></p> <p><b>SEC. 208. GAO AUDIT OF JOINT COSTS FOR</b></p>	<p><i>[GAO study directives.]</i></p>

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costs associated with operations and maintenance of reservoirs owned and operated by the Corps).		<b>OPERATIONS AND MAINTENANCE.</b>	
<b>Sec. 8237. Assessment of forest, rangeland, and watershed restoration services on lands owned by the Corps of Engineers.</b> This section directs the Secretary to assess the impacts of authorizing non-Federal interests to provide certain forest, rangeland, and watershed restoration services on Corps lands (“Good Neighbor Authority”).	<b>SEC. 231. ASSESSMENT OF FOREST, RANGELAND, AND WATERSHED RESTORATION SERVICES ON LANDS OWNED BY THE CORPS OF ENGINEERS.</b>	<b>SEC. 352. PILOT PROGRAM FOR GOOD NEIGHBOR AUTHORITY ON CORPS OF ENGINEERS LAND.</b>	<i>[“Good Neighbor Authority” would allow the Corps to authorize states, counties, and tribes to conduct certain projects (in this instance, forest, rangeland, and watershed restoration services) on Corps lands in pursuit of specified land use/management goals.]</i>
<b><u>Subtitle C – Deauthorizations and Modifications</u></b>	<b><u>TITLE III— DEAUTHORIZATIONS AND MODIFICATIONS</u></b>	<b><u>TITLE: III— DEAUTHORIZATIONS, MODIFICATIONS, AND RELATED PROVISIONS</u></b>	
<b>Sec. 8301. Deauthorization of inactive projects.</b> This section directs the Secretary to develop and submit to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate a list of water resources development projects that are eligible for deauthorization.	<b>SEC. 301. DEAUTHORIZATION OF INACTIVE PROJECTS.</b>		<i>[Deauthorization of past project authorizations. Most of the Senate WRDA bill provisions in this title of the bill appeared to be Member-specific requests, and not a request for the Corps to identify a list of past project authorizations ripe for deauthorization.]</i>
<b>Sec. 8302. Watershed and river basin assessments.</b> This section includes additional assessment purposes and locations for watershed-based studies under section 729 of WRDA 1986.	<b>SEC. 302. WATERSHED AND RIVER BASIN ASSESSMENTS.</b>		<i>[Study authorizations for additional watershed assessments.]</i>
<b>Sec. 8303. Forecast-informed reservoir operations.</b> This section authorizes additional water resources development projects for the Secretary to evaluate, and report to the Committee on Transportation and Infrastructure of the House and the Committee on Environment and Public Works of the Senate on, the utilization of forecast-informed reservoir operations. This section also newly adds a provision that authorizes the Corps to carry out a research study pilot program at 1 or	<b>SEC. 303. FORECAST-INFORMED RESERVOIR OPERATIONS.</b>	<b>SEC. 407. FORECAST-INFORMED RESERVOIR OPERATIONS.</b>	<i>[Dams/reservoirs; forecast-informed reservoir operations.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>

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more dams owned and operated by the Corps in the North Atlantic Division of the Corps to assess the viability of forecast-informed reservoir operations in the eastern United States.			
<b>Sec. 8304. Lakes program.</b> This section includes additional specified locations in the Corps' Lakes program authority under section 602 of WRDA 1986.	<b>SEC. 304. LAKES PROGRAM.</b>		<i>[Authorization of additional Lakes Program studies.]</i>
<b>Sec. 8305. Invasive species.</b> This section amends the Corps' invasive species authorities by extending the authorization of two invasive species pilot programs through 2028, modifying the Aquatic Invasive Species Research authority to include hydrilla, and adding additional focus areas under an existing Corps harmful algal bloom demonstration program. This section also increases the authorized annual appropriations for invasive species partnerships between the Corps and applicable States and Federal agencies and adds the Lake Erie Basin and Ohio River Basin as eligible locations for these partnerships.	<b>SEC. 305. INVASIVE SPECIES.</b>	<b>SEC. 318. HARMFUL ALGAL BLOOM DEMONSTRATION PROGRAM.</b>  <b>SEC. 325. INVASIVE SPECIES MANAGEMENT.</b>  <b>SEC. 328. INVASIVE SPECIES MANAGEMENT PILOT PROGRAM.</b>	<i>[Invasive species or HABs. This section in the final bill is largely based on the House bill section (Sec.305).]</i>
<b>Sec. 8306. Maintenance of navigation channels.</b> This section amends section 509 of WRDA 1996 to authorize the Secretary to maintain navigation channels at select water resources development projects, if certain conditions are met.		<b>SEC. 362. NEW MADRID COUNTY HARBOR, MISSOURI.</b>	<i>[Project modification. The final bill expanded the list of projects authorized, as compared to the Senate provision.]</i>
<b>Sec. 8307. Project reauthorizations.</b> This section reauthorizes identified projects that were previously deauthorized by Congress and requires the Secretary to carry out, and submit to Congress, a report on the results of feasibility studies for each of the reauthorized projects.	<b>SEC. 306. PROJECT REAUTHORIZATIONS.</b> This section reauthorizes identified projects that were previously deauthorized by Congress.		<i>[Project reauthorizations; feasibility studies.]</i>
<b>Sec. 8308. Special rule for certain beach nourishment projects.</b> This section directs the Secretary, for specified projects, to fund the incremental increase in project cost that results from a legal requirement to use a sediment source that is not the least-cost option.	<b>SEC. 331. SPECIAL RULE FOR CERTAIN COASTAL STORM RISK MANAGEMENT PROJECTS.</b>	<b>SEC. 305. SPECIAL RULE FOR CERTAIN BEACH NOURISHMENT PROJECTS.</b>	<i>[Relates to beach renourishment projects where the Coastal Barrier Resources Act (CBRA) limits the ability of the Corps to use sediment sources for renourishment that are not the least-cost option for the project. These provisions are supported by coastal communities with beach renourishment issues. The Senate provisions apply more broadly than the House provisions. These provisions are derived from the SHORRE Act.]</i>

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			<i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8309. Columbia River Basin.</b> This section clarifies the authority of the Secretary as it relates to the obligations of the United States under the Columbia River Treaty. This section also requires the Corps to provide additional assistance to address the treaty obligations, including the authorization of a study on flood risk management in the Columbia River Basin.	<b>SEC. 315. COLUMBIA RIVER BASIN.</b>	<b>SEC. 141. COLUMBIA RIVER BASIN FLOOD RISK MANAGEMENT.</b>	<i>[Related to the Columbia River Treaty with Canada; includes a feasibility study for flood risk management.]</i>
<b>Sec. 8310. Evaluation of hydrologic changes in Souris River Basin.</b> This section authorizes the Secretary to evaluate hydrologic changes affecting the “Agreement Between the Government of Canada and the United States of America for Water Supply and Flood Control in the Souris River Basin” that was entered into in 1989.		<b>SEC. 315. EVALUATION OF HYDROLOGIC CHANGES IN SOURIS RIVER BASIN.</b>	<i>[Study authorization.]</i>
<b>Sec. 8311. Acequias irrigation systems.</b> This section amends section 1113 of WRDA 1986 to increase the authorization amount for the Acequia program in New Mexico and authorizes the Secretary to protect and restore Acequias located on land belonging to a federally recognized Indian Tribe in New Mexico. This section also modifies the cost-sharing requirements for projects that benefit an economically disadvantaged community.		<b>SEC. 341. ACEQUIAS IRRIGATION SYSTEMS.</b>	<i>[Tribes.]</i>
<b>Sec. 8312. Port of Nome, Alaska.</b> This section modifies the cost-sharing requirements for the project for navigation, Port of Nome, Alaska, authorized by section 401(1) of WRDA 2020.		<b>SEC. 307. MODIFICATIONS.</b>	<i>[Project modification. This section of the Senate bill would modify the cost sharing requirements for several projects and studies, including for the Nome project.]</i>
<b>Sec. 8313. St. George, Alaska.</b> This section requires the Secretary to waive any and all future payments due to the United States by the City of St. George, Alaska, resulting from the Federal Court of Claims judgement in <i>J.E. McAmis, Inc. v. United States</i> .			<i>[This provision appears to have been airdropped into the final bill.]</i>
<b>Sec. 8314. Unalaska (Dutch Harbor) Channels, Alaska.</b> This section updates the authorization for the project for navigation, Unalaska (Dutch Harbor)			<i>[This provision appears to have been airdropped into the final bill.]</i>

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Channels, Alaska, to account for a supplemental Chief's Report dated October 2, 2020.			
<b>Sec. 8315. Storm damage prevention and reduction, coastal erosion, and ice and glacial damage, Alaska.</b> This section establishes a program for structural and nonstructural projects for storm damage prevention and reduction, coastal erosion, and ice and glacial damage in Alaska.		<b>SEC. 402. STORM DAMAGE PREVENTION AND REDUCTION, COASTAL EROSION, AND ICE AND GLACIAL DAMAGE, ALASKA.</b>	<i>[Project authorization.]</i>
<b>Sec. 8316. St. Francis Lake Control Structure.</b> This section directs the Secretary to establish the ordinary high-water mark for water impounded behind the St. Francis Lake Control Structure, Arkansas.	<b>SEC. 307. ST. FRANCIS LAKE CONTROL STRUCTURE.</b>		<i>[Project modification.]</i>
<b>Sec. 8317. South Platte River and Tributaries, Adams and Denver Counties, Colorado.</b> This section directs the Secretary to expedite the completion of a written agreement under section 204(d) of WRDA 1986 with the non-Federal interest for the project for ecosystem restoration and flood risk management, South Platte River and Tributaries, Adams and Denver Counties, Colorado.			<i>[Expedite. This provision appears to have been airdropped into the final bill.]</i>
<b>Sec. 8318. Fruitvale Avenue Railroad Bridge, Alameda, California.</b> This section repeals section 4017(d) of WRDA 2007.	<b>SEC. 308. FRUITVALE AVENUE RAILROAD BRIDGE, ALAMEDA, CALIFORNIA.</b>		<i>[Project modification.]</i>
<b>Sec. 8319. Los Angeles County, California.</b> This section authorizes funding for environmental infrastructure in Los Angeles County, California.	<b>SEC. 309. LOS ANGELES COUNTY, CALIFORNIA.</b>		<i>[Environmental infrastructure; project authorization.]</i>
<b>Sec. 8320. Deauthorization of designated portions of the Los Angeles County Drainage Area, California.</b> This section deauthorizes certain debris basins within the project for flood risk management, Los Angeles County, California.	<b>SEC. 310. DEAUTHORIZATION OF DESIGNATED PORTIONS OF THE LOS ANGELES COUNTY DRAINAGE AREA, CALIFORNIA.</b>		<i>[Partial project deauthorization.]</i>
<b>Sec. 8321. Murrieta Creek, California.</b> This section modifies the project for flood control, environmental restoration, and recreation, Murrieta Creek, California.	<b>SEC. 311. MURRIETA CREEK, CALIFORNIA.</b>		<i>[Project modification.]</i>
<b>Sec. 8322. Sacramento River Basin, California.</b> This section deauthorizes a portion of the project for flood protection in the Sacramento River Basin, California.	<b>SEC. 312. SACRAMENTO RIVER, CALIFORNIA.</b>		<i>[Partial project deauthorization.]</i>

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<b>Sec. 8323. San Diego River and Mission Bay, San Diego County, California.</b> This section modifies the project for flood control and navigation for the San Diego River and Mission Bay, San Diego County, California, to change the authorized conveyance capacity.	<b>SEC. 313. SAN DIEGO RIVER AND MISSION BAY, SAN DIEGO COUNTY, CALIFORNIA.</b>		<i>[Project modification.]</i>
<b>Sec. 8324. Additional assistance for Eastern Santa Clara Basin, California.</b> This section amends section 111 of the Consolidated Appropriations Act of 2001 to clarify activities eligible for assistance in the Santa Clara Basin, California.		<b>SEC. 335. ADDITIONAL ASSISTANCE FOR EASTERN SANTA CLARA BASIN, CA.</b>	<i>[Groundwater contamination (perchlorates, volatile organic compounds) remedial assistance.]</i>
<b>Sec. 8325. San Francisco Bay, California.</b> This section clarifies additional areas for inclusion in the study of San Francisco Bay, California.	<b>SEC. 314. SAN FRANCISCO BAY, CALIFORNIA.</b>		<i>[Project modification.]</i>
<b>Sec. 8326. South San Francisco Bay Shoreline, California.</b> This section prohibits the Secretary from requiring the non-Federal interest for the project at South San Francisco Bay Shoreline, California, to contribute certain funds in excess of the total cash contribution requirements. This section also prohibits the Secretary from deferring, suspending, or terminating construction of the project under certain conditions.		<b>SEC. 307. MODIFICATIONS.</b>	<i>[Project modification. This section of the Senate bill would modify the cost sharing requirements for several projects and studies, including for the South San Francisco Bay Shoreline project.]</i>
<b>Sec. 8327. Delaware shore protection and restoration.</b> This section modifies various authorities or projects located in the state of Delaware, including the Delaware Dredged Material Utilization project, authorized by section 401(3) of WRDA 2020. In addition, this section makes modifications to the Indian River Inlet Sand Bypass Plant coastal storm risk management project authorized by section 869 of WRDA 1986.		<b>SEC. 309. DELAWARE SHORE PROTECTION AND RESTORATION.</b>	<i>[Dredging-related; project modifications; beach renourishment at sites in DE.]</i>
<b>Sec. 8328. St. Johns River Basin, Central and Southern Florida.</b> This section deauthorizes certain portions of the project for flood control and other purposes, Central and Southern Florida, authorized by section 203 of the Flood Control Act of 1948.		<b>SEC. 212. UPPER ST. JOHNS RIVER BASIN, CENTRAL AND SOUTHERN FLORIDA.</b>	<i>[This final bill provision is based on a provision in Sec. 212 of the Senate bill. Involves the deauthorization of a levee segment that is part of a larger project.]</i>
<b>Sec. 8329. Little Pass, Clearwater Bay, Florida.</b> This section deauthorizes a portion of the project for navigation Little Pass, Clearwater Bay, Florida, originally authorized by the Act of July 14, 1960.			<i>[Partial project deauthorization; this provision appears to have been airdropped into the final bill.]</i>

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<b>Sec. 8330. Comprehensive Everglades Restoration Plan, Florida.</b> This section clarifies the accounting of non-Federal interest contributions for the Comprehensive Everglades Restoration Plan.	<b>SEC. 316. COMPREHENSIVE EVERGLADES RESTORATION PLAN, FLORIDA.</b>	<b>SEC. 355. COMPREHENSIVE EVERGLADES RESTORATION PLAN, FLORIDA</b>	<i>[Comprehensive Everglades Restoration Plan; project modification.]</i>
<b>Sec. 8331. Palm Beach Harbor, Florida.</b> This section deauthorizes a portion of the project for navigation, Palm Beach Harbor, Florida.			<i>[Partial project deauthorization; this provision appears to have been airdropped into the final bill.]</i>
<b>Sec. 8332. Port Everglades, Florida.</b> This section modifies the project for navigation, Port Everglades, Florida, by increasing (substantially) authorized funding levels.	<b>SEC. 317. PORT EVERGLADES, FL.</b>		<i>[Project modification.]</i>
<b>Sec. 8333. South Florida Ecosystem Restoration Task Force.</b> This section amends the membership requirements of the South Florida Ecosystem Restoration Task Force.	<b>SEC. 318. SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE.</b>	<b>SEC. 361. SOUTH FLORIDA ECOSYSTEM RESTORATION TASK FORCE.</b>	<i>[South Florida Ecosystem Restoration; project modification.]</i>
<b>Sec. 8334. New Savannah Bluff Lock and Dam, Georgia and South Carolina.</b> This section modifies the requirements for certain project mitigation features at the New Savannah Bluff Lock and Dam element of the Savannah Harbor Expansion Project.		<b>SEC. 333. NEW SAVANNAH BLUFF LOCK AND DAM, GEORGIA AND SOUTH CAROLINA.</b>	<i>[Dam; cost share modification.]</i>
<b>Sec. 8335. Little Wood River, Gooding, Idaho.</b> This section modifies the project for flood control, Little Wood River, Gooding, Idaho by increasing the authorizations of appropriations for the project.	<b>SEC. 319. LITTLE WOOD RIVER, GOODING, IDAHO.</b>		<i>[Project modification.]</i>
<b>Sec. 8336. Chicago shoreline protection.</b> This section modifies the project for storm damage reduction and shore protection, Lake Michigan, Illinois by modifying the cost shares.	<b>SEC. 320. CHICAGO SHORELINE PROTECTION.</b>		<i>[Project modification.]</i>
<b>Sec. 8337. Great Lakes and Mississippi River Interbasin Project, Brandon Road, Will County, Illinois.</b> This section modifies the project for ecosystem restoration, Great Lakes and Mississippi River Interbasin Study, Brandon Road, Will County, Illinois, including by adjusting the project's cost share from 80% to 90% Federal.	<b>SEC. 321. GREAT LAKES AND MISSISSIPPI RIVER INTERBASIN PROJECT, BRANDON ROAD, WILL COUNTY, IL.</b>		<i>[Project modification.]</i>
<b>Sec. 8338. Southeast Des Moines, Southwest Pleasant Hill, Iowa.</b> This section modifies the project for flood control and other purposes, Red Rock Dam and Lake, Des Moines River, Iowa, by conveying certain easements to the city of Des Moines, Iowa, for completion of a flood protection project..	<b>SEC. 322. SOUTHEAST DES MOINES LEVEE SYSTEM, IOWA.</b>	<b>SEC. 353. SOUTHEAST DES MOINES, SOUTHWEST PLEASANT HILL, IOWA.</b>	<i>[Flood risk management/ protection; levees. Project modification.]</i>



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<b>Sec. 8339. City of El Dorado, Kansas.</b> This section amends a 1972 water supply storage contract between the United States and the City of El Dorado, Kansas, to change the method of interest calculation.		<b>SEC. 349. CITY OF EL DORADO, KANSAS.</b>	<i>[Water supply/storage related contracts.]</i>
<b>Sec. 8340. Algiers Canal Levees, Louisiana.</b> This section directs the Secretary to resume operation and maintenance of the Algiers Canal Levees, Louisiana.		<b>SEC. 347. ALGIERS CANAL LEVEES, LOUISIANA.</b>	<i>[Levees; project modification.]</i>
<b>Sec. 8341. Mississippi River Gulf Outlet, Louisiana.</b> This section modifies the project for ecosystem restoration, Mississippi River Gulf Outlet, Louisiana, by adjusting the Federal share of the cost of the project to be 100%.	<b>SEC. 133. SENSE OF CONGRESS ON THE MISSISSIPPI RIVER GULF OUTLET, LOUISIANA.</b>		<i>[Project modification. The original provision in the House bill (Sec. 133) was a “sense of Congress” that the Corps has the authority under existing law to close and restore the ecosystem adversely affected by the construction and operation of the Mississippi River-Gulf Outlet (MR-GO), Louisiana, at full Federal expense. The final bill simply adjusts the Federal cost share to 100% Federal.]</i>
<b>Sec. 8342. Camp Ellis, Saco, Maine.</b> This section modifies the project for mitigation of shore damage from navigation works, Camp Ellis, Saco, Maine.		<b>SEC. 403. EXPEDITED COMPLETION OF PROJECTS.</b>  <b>SEC. 404. SPECIAL RULES.</b>	<i>[Project modification. In the Senate bill, this project was an “expedite of completion” the project. The final bill converted this into a project modification.]</i>
<b>Sec. 8343. Lower Mississippi River comprehensive management study.</b> This section modifies the Lower Mississippi River Comprehensive Management Study, authorized by section 213 of WRDA 2020, by adjusting the Federal cost share to 100%.	<b>SEC. 323. LOWER MISSISSIPPI RIVER COMPREHENSIVE MANAGEMENT STUDY.</b>		<i>[Project modification.]</i>
<b>Sec. 8344. Upper Mississippi River protection.</b> This section places limitations on the disposition study carried out at the Upper St. Anthony Falls Lock and Dam and authorizes the Secretary to investigate the feasibility of making certain modifications to the project.	<b>SEC. 340. UPPER MISSISSIPPI RIVER PROTECTION.</b>	<b>SEC. 350. UPPER MISSISSIPPI RIVER PROTECTION.</b>	<i>[Restriction on deauthorization; project modification..]</i>
<b>Sec. 8345. Upper Mississippi River restoration program.</b> This section amends section 1103(e)(3) of WRDA 1986 to increase the authorization of appropriations for ecosystem restoration activities in the Upper Mississippi River system.		<b>SEC. 317. UPPER MISSISSIPPI RIVER RESTORATION PROGRAM.</b>	<i>[Project modification.]</i>

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<b>Sec. 8346. Water level management on the Upper Mississippi River and Illinois Waterway.</b> This section directs the Secretary to carry out water level management activities as part of the operation and maintenance of navigation channel projects on the Upper Mississippi and Illinois Rivers to mitigate sedimentation impacts and restore aquatic ecosystems under certain conditions.	<b>SEC. 339. WATER LEVEL MANAGEMENT PILOT PROJECT ON THE UPPER MISSISSIPPI RIVER AND ILLINOIS WATERWAY SYSTEM.</b>		<i>[Project study authorization. See also the somewhat related provisions in Section 8219 of the final bill regarding the hydraulic evaluation of the Upper Mississippi River and Illinois River.]</i>
<b>Sec. 8347. Mississippi Delta Headwaters, Mississippi.</b> This section authorizes the Secretary to carry out emergency maintenance activities on completed features of the project for flood damage reduction, bank stabilization, and sediment and erosion control, Yazoo Basin, Mississippi Delta Headwaters, Mississippi.		<b>SEC. 330. MISSISSIPPI DELTA HEADWATERS, MISSISSIPPI.</b>	<i>[Emergency maintenance authority.]</i>
<b>Sec. 8348. Sense of Congress relating to Okatibbee Lake, Mississippi.</b> This section includes a sense of Congress that addressing shoreline sloughing and erosion at a Corps project is eligible to be carried out by the Corps as part of the operation and maintenance of the project.		<b>SEC. 409. SENSE OF CONGRESS RELATING TO OKATIBBEE LAKE.</b>	<i>[Sense of Congress aimed at clarifying Federal authority over project activities.]</i>
<b>Sec. 8349. Argentine, East Bottoms, Fairfax-Jersey Creek, and North Kansas Levees units, Missouri River and tributaries at Kansas Cities, Missouri and Kansas.</b> This section modifies the project for flood control, Kansas Cities on Missouri and Kansas Rivers in Missouri and Kansas, by adjusting the project's cost share to 80% Federal.	<b>SEC. 326. ARGENTINE, EAST BOTTOMS, FAIRFAX-JERSEY CREEK, AND NORTH KANSAS LEVEES UNITS, MISSOURI RIVER AND TRIBUTARIES AT KANSAS CITIES, MISSOURI AND KANSAS.</b>		<i>[Project modification.]</i>
<b>Sec. 8350. Lower Missouri River streambank erosion control evaluation and demonstration projects.</b> This section creates a demonstration program for new methods and techniques that prevent erosion and protect or stabilize streambanks in the Lower Missouri River.	<b>SEC. 324. LOWER MISSOURI RIVER STREAMBANK EROSION CONTROL EVALUATION AND DEMONSTRATION PROJECTS.</b>		<i>[Authorizes new demonstration program.]</i>
<b>Sec. 8351. Missouri River interception-rearing complexes.</b> This section authorizes the Secretary to carry out construction of interception-rearing complexes at certain locations on the Missouri River, provided any adverse impacts from such construction are identified and mitigated.	<b>SEC. 325. MISSOURI RIVER INTERCEPTION-REARING COMPLEXES.</b>		<i>[Project modification.]</i>
<b>Sec. 8352. Missouri River mitigation project, Missouri, Kansas, Iowa, and Nebraska.</b> This section directs the Secretary to apply lands or	<b>SEC. 327. MISSOURI RIVER MITIGATION PROJECT,</b>	<b>SEC. 327. MISSOURI RIVER MITIGATION, MISSOURI,</b>	<i>[Project modification, relating to the Missouri River Mitigation</i>

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interests in lands held by other Federal agencies to fulfill acreage requirements under the Corps' mitigation responsibilities on the Missouri River.	<b>MISSOURI, KANSAS, IOWA, AND NEBRASKA.</b>	<b>KANSAS, IOWA, AND NEBRASKA.</b>	<i>Project, originally authorized in WRDA 1986.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8353. Northern Missouri.</b> This section authorizes funding for environmental infrastructure in Northern Missouri.	<b>SEC. 328. NORTHERN MISSOURI.</b>		<i>[Environmental infrastructure.]</i>
<b>Sec. 8354. Israel River, Lancaster, New Hampshire.</b> This section deauthorizes the project for flood control, Israel River, Lancaster, New Hampshire.	<b>SEC. 329. ISRAEL RIVER, LANCASTER, NH.</b>	<b>SEC. 348. ISRAEL RIVER ICE CONTROL PROJECT, LANCASTER, NH.</b>	<i>[Project deauthorization.]</i>
<b>Sec. 8355. Middle Rio Grande flood protection, Bernalillo to Belen, New Mexico.</b> This section modifies the project for flood risk management, Middle Rio Grande, Bernalillo to Belen, New Mexico, by adjusting the project study's cost share (to 75% Federal, 25% non-Federal).	<b>SEC. 330. MIDDLE RIO GRANDE FLOOD PROTECTION, BERNALILLO TO BELEN, NM.</b>	<b>SEC. 354. MIDDLE RIO GRANDE FLOOD PROTECTION, BERNALILLO TO BELEN, NM.</b>	<i>[Project modification; flood risk management/protection; levees.]</i>
<b>Sec. 8356. Ecosystem restoration, Hudson-Raritan Estuary, New York and New Jersey.</b> This section modifies section 401(5) of WRDA 2020 to authorize the Corps to conduct additional feasibility studies for ecosystem restoration in New York and New Jersey as part of the Hudson-Raritan Estuary project.		<b>SEC. 331. ECOSYSTEM RESTORATION, HUDSON-RARITAN ESTUARY, NEW YORK AND NEW JERSEY.</b>	<i>[Conduct additional feasibility studies for ecosystem restoration project.]</i>
<b>Sec. 8357. Arkansas River corridor, Oklahoma.</b> This section amends section 3132 of WRDA 2007 to increase the authorization level and authorize the Corps to carry out additional feasibility studies for certain components of the Arkansas River Corridor Master Plan.		<b>SEC. 320. ARKANSAS RIVER CORRIDOR, OK.</b>	<i>[Project modification.]</i>
<b>Sec. 8358. Copan Lake, Oklahoma.</b> This section directs the Secretary to amend the contract for storage space for water supply between the United States and the Copan Public Works Authority in Copan Lake, Oklahoma.		<b>SEC. 338. COPAN LAKE, OK.</b>	<i>[Water supply/storage related contracts.]</i>
<b>Sec. 8359. Southwestern Oregon.</b> This section authorizes funding for environmental infrastructure in Southwestern Oregon.	<b>SEC. 332. SOUTHWESTERN OR.</b>		<i>[Environmental infrastructure.]</i>
<b>Sec. 8360. Yaquina River, Oregon.</b> This section modifies the navigation project, Yaquina River, Oregon, to clarify that the Secretary shall not			<i>[This provision appears to have been airdropped into the final bill.]</i>

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require the non-Federal interest to provide or pay for a floating plant.			
<b>Sec. 8361. Lower Blackstone River, Rhode Island.</b> This section modifies the project for ecosystem restoration, Lower Blackstone River, Rhode Island, carried out under section 206 of WRDA 1996.	<b>SEC. 203. EXPEDITED MODIFICATIONS OF EXISTING FEASIBILITY STUDIES.</b>	<b>SEC. 403. EXPEDITED COMPLETION OF PROJECTS.</b>  <b>SEC. 404. SPECIAL RULES.</b>	<i>[Project modification. The scope of this project modification has been somewhat revised as compared to the provision that was originally in an “Expedited Modifications section in the House bill. The project also was included as an “expedited completion” in the Senate bill (Sec. 403).]</i>
<b>Sec. 8362. Charleston Harbor, South Carolina.</b> This section requires the Secretary to reimburse non-Federal interests for advanced funds exceeding the non-Federal share of construction costs as soon as practicable after the completion of each individual contract for the project for navigation, Charleston Harbor, South Carolina.	<b>SEC. 202. EXPEDITED COMPLETION.</b>	<b>SEC. 332. TIMELY REIMBURSEMENT.</b>  <b>SEC. 403. EXPEDITED COMPLETION OF PROJECTS.</b>	<i>[Project modification. The scope of this project modification has been somewhat revised as compared to the provisions that were originally in “Expedited Completions sections in the House and Senate bills (Sec. 202 and Sec. 403, respectively).]</i>
<b>Sec. 8363. Colleton County, South Carolina.</b> This section allows construction carried out by non-Federal interests before the date of enactment of this Act for the project for hurricane and storm damage risk reduction, Colleton County, South Carolina, to be eligible for in-kind credit.		<b>SEC. 319. COLLETON COUNTY, SOUTH CAROLINA.</b>	<i>[Project modification.]</i>
<b>Sec. 8364. Ensley levee, Tennessee.</b> This section incorporates the Ensley levee system into the project for flood risk management, lower Mississippi River, and directs the Secretary to resume operation and maintenance of such system.			<i>[Project modification. This provision appears to have been airdropped into the final bill.]</i>
<b>Sec. 8365. Wolf River Harbor, Tennessee.</b> This section modifies and deauthorizes a portion of the project for navigation, Wolf River Harbor, Tennessee, to reduce the authorized dimensions of the project.	<b>SEC. 334. WOLF RIVER HARBOR, TN.</b>	<b>SEC. 326. WOLF RIVER HARBOR, TN.</b>	<i>[Partial project modification and deauthorization.]</i>
<b>Sec. 8366. Addicks and Barker Reservoirs, Texas.</b> This section authorizes the Secretary to provide technical assistance related to sediment removal at the Addicks and Barker Reservoirs, Texas.	<b>SEC. 335. ADDICKS AND BARKER RESERVOIRS, TX.</b>		<i>[Authority to provide technical assistance.]</i>
<b>Sec. 8367. North Padre Island, Corpus Christi Bay, Texas.</b> This section clarifies that the project for ecosystem restoration, North Padre Island,	<b>SEC. 336. NORTH PADRE ISLAND, CORPUS CHRISTI BAY, TEXAS.</b>	<b>SEC. 345. NORTH PADRE ISLAND, CORPUS CHRISTI BAY, TEXAS.</b>	<i>[Project modification (limitation).]</i>

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Corpus Christi Bay, Texas, is not eligible for emergency repair and restoration assistance under the Flood Control Act of 1941.			
<b>Sec. 8368. Nueces County, Texas.</b> This section authorizes the Secretary to review easements held by the United States for purposes of navigation in Nueces County, Texas, and to convey the easements the Secretary determines are no longer required for project purposes back to the covered landowners under certain circumstances.		<b>SEC. 329. NUECES COUNTY (Corpus Christi), TEXAS, CONVEYANCES.</b>	<i>[Conveyances/land transfers.]</i>
<b>Sec. 8369. Lake Champlain Canal, Vermont and New York.</b> This section amends section 5146 of WRDA 2007 to require the Secretary to scope the phase II portion of the Lake Champlain Canal Aquatic Invasive Species Barrier study carried out under section 542 of WRDA 2000 to satisfy the requirement in section 5146 for a feasibility determination.		<b>SEC. 219. LAKE CHAMPLAIN CANAL, VERMONT AND NEW YORK.</b>	<i>[Project modification. Provides additional study authorization.]</i>
<b>Sec. 8370. Rehabilitation of Corps of Engineers constructed dams.</b> This section modifies section 1177 of WRDA 2016 related to the rehabilitation project for Waterbury Dam, Washington County, Vermont., by reducing the non-Federal share of costs for the Waterbury Dam rehabilitation project from 35 percent to the cost share assigned to the non-Federal interest for the initial construction of Waterbury Dam.		<b>SEC. 360. REHABILITATION OF CORPS OF ENGINEERS CONSTRUCTED DAMS.</b>	<i>[Dams/reservoirs. Project modification.]</i>
<b>Sec. 8371. Puget Sound nearshore ecosystem restoration, Washington.</b> This section requires the Secretary to consider the removal and replacement of certain bridges and a causeway at the Duckabush River Estuary site in the Puget Sound Nearshore Restoration Project, as a primary project feature rather than a relocation, for the purposes of cost sharing.	<b>SEC. 338. PUGET SOUND, WASHINGTON.</b>	<b>SEC. 357. PUGET SOUND NEARSHORE ECOSYSTEM RESTORATION, WASHINGTON.</b>	<i>[Project modification/clarifications.]</i>
<b>Sec. 8372. Lower Mud River, Milton, West Virginia.</b> This section modifies the project for flood control, Milton, West Virginia, as originally authorized by section 580 of WRDA 1996.		<b>SEC. 307. MODIFICATIONS.</b>	<i>[Project modification/clarifications. This provision was originally in the "Modifications" section of the Senate bill (Sec. 307).]</i>
<b>Sec. 8373. Northern West Virginia.</b> This section amends section 571 of WRDA 1999 to realign the counties participating in the program.	<b>SEC. 337. CENTRAL WEST VIRGINIA.</b>	<b>SEC. 303. NORTHERN WEST VIRGINIA.</b>	<i>[Environmental infrastructure.]</i>

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<p><b>Sec. 8374. Southern West Virginia.</b> This section amends section 340 of WRDA 1992 to realign the counties participating in the program.</p>		<p><b>SEC. 302. SOUTHERN WEST VIRGINIA.</b></p>	<p><i>[Environmental infrastructure.]</i></p>
<p><b>Sec. 8375. Environmental infrastructure.</b> This section authorizes over 100 new environmental infrastructure authorities, and modifies 23 existing environmental infrastructure authorities of the Secretary:</p> <p><b>(a) NEW AUTHORITIES:</b> The following environmental infrastructure projects are added to the end of Section 219(f) of the WRDA 1992:</p> <p>(274) ALABAMA  (275) CHANDLER , AZ  (276) PINAL COUNTY , AZ  (277) TEMPE , AZ  (278) ALAMEDA COUNTY , CA  (279) BELL GARDENS , CA  (280) CALIMESA , CA  (281) COMPTON CREEK , CA  (282) DOWNEY , CA  (283) EAST COUNTY , SAN DIEGO COUNTY, CA  (284) EASTERN LOS ANGELES COUNTY , CA  (285) ESCONDIDO CREEK , CA  (286) FONTANA , CA  (287) HEALDSBURG , CA  (288) INLAND EMPIRE , CA  (289) LOMITA , CA  (290) MARIN COUNTY , CA  (291) MAYWOOD , CA  (292) MONTEREY PENINSULA , CA  (293) NORTH RICHMOND , CA  (294) ONTARIO , CA  (295) PARAMOUNT , CA  (296) PETALUMA , CA  (297) PLACER COUNTY , CA  (298) RIALTO , CA  (299) RINCON RESERVATION , CA  (300) SACRAMENTO - SAN JOAQUIN DELTA , CA  (301) SAN JOAQUIN AND STANISLAUS , CA  (302) SANTA ROSA , CA  (303) SIERRA MADRE , CA  (304) SMITH RIVER , CA  (305) SOUTH SAN FRANCISCO , CA  (306) TEMECULA , CA  (307) TORRANCE , CA  (308) WESTERN CONTRA COSTA COUNTY, CA  (309) YOLO COUNTY , CA  (310) HEBRON , CT  (311) NEW LONDON , CT  (312) WINDHAM , CT  (313) KENT , DE  (314) NEW CASTLE , DE  (315) SUSSEX , DE  (316) WASHINGTON , DC  (317) LONGBOAT KEY , FL</p>	<p><b>SEC. 345. ENVIRONMENTAL INFRASTRUCTURE.</b></p>	<p><b>SEC. 304. LOCAL COOPERATION AGREEMENTS, NORTHERN WEST VIRGINIA.</b></p>	<p><i>[New and modified authorities for environmental infrastructure.]</i></p>

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(318) MARTIN, ST. LUCIE, & PALM BEACH COUNTIES , FL (319) POLK COUNTY , FL (320) OKEECHOBEE COUNTY , FL (321) ORANGE COUNTY , FL (322) Most Counties in GA (323) GUAM (324) STATE OF HI (325) COUNTY OF HAWAII, HI (326) HONOLULU, HI (327) KAUAI , HI (328) MAUI , HI (329) DIXMOOR , IL (330) FOREST PARK , IL (331) LEMONT , IL (332) LOCKPORT , IL (333) MONTGOMERY & CHRISTIAN COUNTIES , IL (334) WILL COUNTY , IL (335) O RLEANS PARISH , LA (336) FITCHBURG , MA (337) HAVERHILL , MA (338) LAWRENCE , MA (339) LOWELL , MA (364) PASSAIC , NJ (365) PHILLIPSBURG , NJ (366) RAHWAY , NJ (367) ROSELLE , NJ (368) SOUTH ORANGE VILLAGE, NJ (369) SUMMIT , NJ (370) WARREN , NJ (371) ESPANOLA , NM (372) FARMINGTON , NM (373) MORA COUNTY , NM (374) SANTA FE , NM (375) CLARKSTOWN , NY (376) GENESEE , NY (377) QUEENS , NY (378) YORKTOWN , NY (379) BRUNSWICK , OH (380) BROOKINGS , OR (381) MONROE . OR (382) NEWPORT , OR (383) LANE COUNTY , OR (384) PALMYRA , PA (385) PIKE COUNTY , PA (386) PITTSBURGH , PA (387) POCONO , PA (388) WESTFALL , PA (389) WHITEHALL , PA (390) BEAUFORT , SC (391) CHARLESTON , SC (392) HORRY COUNTY , SC (393) MOUNT PLEASANT , SC (394) PORTLAND , TN (395) SMITH COUNTY , TN (396) TROUSDALE , MACON, & SUMNER COUNTIES, TN (397) US VIRGIN ISLANDS (398) BONNEY LAKE , WA (399) BURIEEN , WA (400) ELLENSBURG , WA (401) NORTH BEND , WA			

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<p>(402) PORT ANGELES , WA  (403) SNOHOMISH COUNTY , WA  (404) WESTERN WASHINGTON STATE—Chelan County, King County, Kittitas County, Pierce County, Snohomish County, Skagit County, &amp; Whatcom County, WA  (405) MILWAUKEE , WI</p> <p><b>(b) <u>MODIFICATION OF EXISTING AUTHORITIES:</u></b></p> <p>(A) CALAVERAS COUNTY , CA  (B) SACRAMENTO AREA , CA  (C) LOS ANGELES COUNTY , CA  (D) BOULDER COUNTY , CO  (E) CHARLOTTE COUNTY , FL  (F) MIAMI-DADE COUNTY , FL  (G) ALBANY , GA  (H) ATLANTA , GA  (I) EAST POINT , GA  (J) COOK COUNTY &amp; LAKE COUNTY , IL  (K) MADISON &amp; ST. CLAIR COUNTIES, IL  (L) CALUMET REGION , IN  (M) BATON ROUGE , LA  (N) SOUTH CENTRAL PLANNING &amp; DEVELOPMENT COMMISSION , LA  (O) ST. CHARLES , ST. BERNARD, PLAQUEMINES, ST. JOHN THE BAPTIST, ST. JAMES, &amp; ASSUMPTION PARISHES, LA  (P) MICHIGAN COMBINED SEWER OVERFLOWS  (Q) JACKSON , MI  (R) ALLEGHENY COUNTY , PA  (S) LAKES MARION &amp; MOULTRIE , SC  (T) MYRTLE BEACH &amp; VICINITY , SC  (U) NORTH MYRTLE BEACH &amp; VICINITY, SC  (V) EASTERN SHORE &amp; SOUTHWEST VA  (W) NORTHERN WV</p>			
<p><b>Sec. 8376. Additional assistance for critical projects.</b> This section makes modifications to existing authorities for environmental infrastructure and environmental restoration:</p> <p>(1) CHESAPEAKE BAY  (2) FLORIDA KEYS WATER QUALITY IMPROVEMENTS, FL  (3) NORTHEASTERN MN  (4) MISSISSIPPI  (5) LAKE TAHOE BASIN RESTORATION , NV &amp; CA  (6) CENTRAL NM  (7) NEW YORK CITY WATERSHED  (8) OHIO AND NORTH DAKOTA  (9) SOUTHEASTERN PA  (10) SOUTH CENTRAL PA  (11) TEXAS  (12) LAKE CHAMPLAIN , VT &amp; NY  (13) WESTERN RURAL WATER</p>	<p><b>SEC. 346. ADDITIONAL ASSISTANCE FOR CRITICAL PROJECTS.</b></p>	<p><b>SEC. 301. ADDITIONAL ASSISTANCE FOR CRITICAL PROJECTS.</b></p> <p><b>SEC. 314. CHESAPEAKE BAY ENVIRONMENTAL RESTORATION AND PROTECTION PROGRAM.</b></p> <p><b>SEC. 334. LAKE TAHOE BASIN RESTORATION, NEVADA AND CALIFORNIA.</b></p> <p><b>SEC. 323. FORMS OF ASSISTANCE.</b></p>	<p><i>[Project modifications; for environmental infrastructure and environmental restoration projects.]</i></p>



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<b>Sec. 8377. Conveyances.</b> This section authorizes the Secretary to convey real property owned by the Federal government in the following locations: City of Lewes, Delaware; Army Reserve Facility, Belleville, Illinois; Lake Barkley, Kentucky; Sardis Lake, Panola County, Mississippi; Rogers County, Oklahoma; and Corpus Christi, Texas.	<b>SEC. 344. CONVEYANCES.</b>	<b>SEC. 351. REGIONAL CORPS OF ENGINEERS OFFICE, CORPUS CHRISTI, TEXAS.</b>  <b>SEC. 342. ROGERS COUNTY, OK.</b>  <b>SEC. 367. LAKE BARKLEY, KENTUCKY, LAND CONVEYANCE.</b>	<i>[Conveyances/land transfers.]</i>
<b>Sec. 8378. Land transfer and trust land for Choctaw Nation of Oklahoma.</b> This section authorizes a transfer of land at Sardis Lake, Oklahoma, to be held in trust for the benefit of the Choctaw Nation.		<b>SEC. 366. LAND TRANSFER AND TRUST LAND FOR CHOCTAW NATION OF OKLAHOMA.</b>	<i>[Conveyances/land transfers.]</i>
<b>Sec. 8379. John P. Murtha Locks and Dam.</b> This section designates Locks and Dam 4, Monongahela River, Pennsylvania, as the “John P. Murtha Locks and Dam.”	<b>SEC. 333. JOHN P. MURTHA LOCKS AND DAM.</b>		<i>[Dam; project renaming.]</i>
<b>Sec. 8380. Treatment of certain benefits and costs.</b> This section makes a technical change to an authority enacted in section 152(a) of WRDA 2020, by clarifying that both inland flood risk management and coastal storm risk management projects in seismic hazard zones are subject to the special rule for calculation of the benefit-cost ratio established by section 152 of WRDA 2020.	<b>SEC. 341. TREATMENT OF CERTAIN BENEFITS AND COSTS.</b>	<b>SEC. 110. COASTAL COST CALCULATIONS.</b>	<i>[Technical change to a Corps authority.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8381. Debris removal.</b> This section includes ecosystem restoration as an authorized justification for debris removal.	<b>SEC. 342. DEBRIS REMOVAL.</b>		<i>[Change to a Corps authority, related to debris removal.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8382. General reauthorizations.</b> This section reauthorizes or extends the authorization of appropriations for existing authorities:  (a) REHABILITATION OF EXISTING LEVEES (b) INVASIVE SPECIES IN ALPINE LAKES PILOT PROJECT (c) ENVIRONMENTAL BANKS	<b>SEC. 343. GENERAL REAUTHORIZATIONS.</b>		<i>[General reauthorizations of Corps programs; some involve levees.]</i>
<b>Sec. 8383. Transfer of excess credit.</b> This section amends section 1020 of WRRDA 2014 to allow a credit for a study or project with multiple non-	<b>SEC. 343. GENERAL REAUTHORIZATIONS.</b>	<b>SEC. 128. TRANSFER OF EXCESS CREDIT.</b>	<i>[Revision to, and extension of, a Corps authority; non-Federal sponsor credits.]</i>

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Federal sponsors to be applied to the non-Federal share of the cost of a study or project of any of the sponsors, to allow for the conditional approval of excess credit under certain circumstances, and to extend this authority through 2028.			<i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8384. Treatment of credit between projects.</b> This section authorizes the Secretary, under the terms of the deferred payment agreement entered into between the Secretary and the non-Federal interest for the Lake Pontchartrain and Vicinity Hurricane Storm Damage Risk Reduction project, to reduce the non-Federal cost-share by applying a credit earned by the non-Federal interest on a different project.		<b>SEC. 109. CREDIT IN LIEU OF REIMBURSEMENT.</b>	<i>[Non-Federal sponsor credits.]</i>
<b>Sec. 8385. Non-Federal payment flexibility.</b> This section amends section 103(l) of WRDA 1986 to authorize the Secretary, at the request of any non-Federal interest, to waive accrual of interest on any non-Federal cash contribution for up to one year for a water resources development project.		<b>SEC. 344. NON-FEDERAL PAYMENT FLEXIBILITY.</b>	<i>[Non-Federal sponsor payment flexibility for projects.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8386. Coastal community flood control and other purposes.</b> This section authorizes the State of Louisiana to repay the remaining balance of the non-Federal share of costs for the Greater New Orleans Hurricane and Storm Damage Risk Reduction System it financed under section 103(k) of WRDA 1986 through the provision of approved mitigation activities for water resources development projects in the coastal area.	<b>SEC. 348. FLOOD CONTROL AND OTHER PURPOSES.</b>	<b>SEC. 306. COASTAL COMMUNITY FLOOD CONTROL AND OTHER PURPOSES.</b>	<i>[Non-Federal sponsor payment flexibility for projects; pertains to Louisiana and the Greater New Orleans Hurricane and Storm Damage Risk Reduction System it financed.]</i>
<b>Sec. 8387. National levee safety program.</b> This section modifies the definition of “rehabilitation” under the Levee Rehabilitation Assistance Program to include levee improvements to reduce flood risk or increase resiliency to extreme weather events. This section also directs the Secretary to prioritize levee restoration in rural and urban economically disadvantaged communities, where practicable. Finally, this section extends the authorization for the Levee Safety Initiative to 2028.		<b>SEC. 129. NATIONAL LEVEE RESTORATION.</b>  <b>SEC. 311. REHABILITATION OF EXISTING LEVEES.</b>	<i>[Revisions to the National Levee Safety Program authorities.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8388. Surplus water contracts and water storage agreements.</b> This section makes permanent the prohibition on the charging of fees for surplus water contracts in the Upper Missouri		<b>SEC. 337. SURPLUS WATER CONTRACTS AND WATER STORAGE AGREEMENTS.</b>	<i>[Water supply/storage related contracts.]</i>

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Mainstem Reservoirs enacted in section 1046(c) of WRRDA 2014.			
<b>Sec. 8389. Water supply storage repair, rehabilitation, and replacement costs.</b> This section amends section 301(b) of the Water Supply Act of 1958 to clarify payment options for State or local interests to reimburse the Corps for repair, rehabilitation, and replacement costs for municipal and industrial water supply storage.		<b>SEC. 343. WATER SUPPLY STORAGE REPAIR, REHABILITATION, AND REPLACEMENT COSTS.</b>	<i>[Water supply/storage related contracts.]</i>  <i>[The Corps should consider developing (or updating, as appropriate) Implementation Guidance for this section.]</i>
<b>Sec. 8390. Abandoned and inactive noncoal mine restoration.</b> This section amends section 560 of WRDA 1999 to specifically authorize restoration activities on land taken into trust on behalf of, and for the benefit of, an Indian tribe and reauthorize increased appropriations for the program.		<b>SEC. 321. ABANDONED AND INACTIVE NONCOAL MINE RESTORATION.</b>	<i>[Program modification.]</i>
<b>Sec. 8391. Asian carp prevention and control pilot program.</b> This section amends section 509(a)(2) of WRDA 2020 to authorize Asian carp prevention and control activities within the Tombigbee River watershed.		<b>SEC. 322. ASIAN CARP PREVENTION AND CONTROL PILOT PROGRAM.</b>	<i>[Program modification; invasive species.]</i>
<b>Sec. 8392. Enhanced development program.</b> This section directs the Secretary to fully implement section 3134 of WRDA 2007 and section 164 of WRDA 2020 related to opportunities for enhanced development at Oklahoma Lakes.		<b>SEC. 339. ENHANCED DEVELOPMENT PROGRAM.</b>	<i>[Directive to the Corps to implement the identified programs.]</i>
<b>Sec. 8393. Recreational opportunities at certain projects.</b> This section expresses a sense of Congress that two Corps projects in Vermont, Ball Mountain Lake and Townshend Lake, should be operated in such a manner as to protect and enhance recreation. This section authorizes the Secretary to modify, or undertake temporary deviations from, the water control plans for these projects in order to enhance recreation.		<b>SEC. 359. RECREATIONAL OPPORTUNITIES AT CERTAIN PROJECTS.</b>	<i>[Recreational uses pertaining to 2 specified projects.]</i>
<b>Sec. 8394. Federal assistance.</b> This section extends the Corps' operation and maintenance assistance authority under section 1328 of WRDA 2018.		<b>SEC 365. FEDERAL ASSISTANCE.</b>	<i>[Program authorities modification.]</i>
<b>Sec. 8395. Mississippi River mat sinking unit.</b> This section directs the Secretary to expedite the replacement of the Mississippi River mat sinking unit.		<b>SEC. 408. MISSISSIPPI RIVER MAT SINKING UNIT.</b>	<i>[Project expedite.]</i>
<b>Sec. 8396. Sense of Congress on lease agreement.</b> This section expresses the sense of Congress that the City of Corona, California, has entered into a	<b>SEC. 347. SENSE OF CONGRESS ON LEASE AGREEMENT.</b>		<i>[Sense of Congress regarding a project lease agreement.]</i>

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valid lease agreement with the Secretary for land and water areas within the Prado flood control basin project area.			
<p><b>Sec. 8397. Expedited completion of projects and studies.</b> This section directs the Secretary, to the maximum extent practicable, to expedite the completion of numerous designated water resources development projects and studies:</p> <p><b>(1) Projects:</b></p> <ol style="list-style-type: none"> <li>1) Little Colorado River at Winslow, Navajo County, AZ</li> <li>2) Rio de Flag, Flagstaff, AZ</li> <li>3) McClellan-Kerr Arkansas River</li> <li>4) Hamilton Airfield, California</li> <li>5) Middle Creek, Lake County, California</li> <li>6) San Francisco Bay Beneficial Use Pilot Project</li> <li>7) South San Francisco Bay Shoreline, California</li> <li>8) Chesapeake Bay Restoration Program Plan Activities</li> <li>9) Branford Harbor &amp; Branford River, Branford, Connecticut</li> <li>10) Guilford Harbor &amp; Sluice Channel, Connecticut</li> <li>11) Milford Harbor, Connecticut</li> <li>12) Bay Point dredge hole, Tampa Bay, Florida</li> <li>13) Central &amp; Southern Florida, Everglades Agricultural Area</li> <li>14) Melvin Price Locks &amp; Dam, Illinois</li> <li>15) Illinois River Basin</li> <li>16) Upper Mississippi River &amp; Illinois Waterway System</li> <li>17) Kentucky Lock Addition, Kentucky</li> <li>18) Lower Jefferson Parish, Louisiana</li> <li>19) Cumberland, Maryland--Chesapeake and Ohio Canal</li> <li>20) Ecorse Creek, Wayne County, Michigan</li> <li>21) Salt River Marsh Coastal Habitat, Lake St. Clair, MI</li> <li>22) Lower Yellowstone Intake Diversion Dam, Montana</li> <li>23) Portsmouth Harbor &amp; Piscataqua River, ME &amp; NH</li> <li>24) Tulsa &amp; West-Tulsa Levee System, Tulsa County, OK</li> <li>25) Rio Guayanilla, Puerto Rico</li> <li>26) Missouri River Restoration, South Dakota,</li> <li>27) Red River Basin Chloride Control Area VIII, Texas</li> <li>28) Port of Galveston Turning Basin 2 project, Royal Terminal, Galveston Bay, Galveston, Texas</li> <li>29) Bluestone Dam, West Virginia</li> <li>30) Big Horn Lake, Wyoming</li> <li>31) Projects authorized by Sec. 219 of WRDA 1992</li> </ol> <p><b>(2) Studies:</b></p> <ol style="list-style-type: none"> <li>1) Coyote Valley Dam, Russian River Basin, California</li> <li>2) Seven Oaks Dam, Santa Ana River Mainstem, California</li> <li>3) Redbank &amp; Fancher Creeks, California</li> <li>4) Fox River Basin, Illinois</li> <li>5) Miami Harbor Channel, Florida</li> <li>6) Kaskaskia River Navigation Project, Illinois</li> <li>7) Ouachita River Levee System, Mississippi River &amp; Tributaries</li> <li>8) Coldwater Creek, Missouri</li> <li>9) Maline Creek, Missouri</li> <li>10) Truman Lake Visitor Center, Warsaw, Missouri</li> </ol>	<p><b>SEC. 202. EXPEDITED COMPLETION.</b></p>	<p><b>SEC. 203. EXPEDITED COMPLETION OF STUDIES.</b></p>	<p><i>[Project and study expedites.]</i></p>

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<p>11) Estancia, Torrance County, New Mexico  12) Arbuckle Simpson Aquifer, Oklahoma</p> <p><b>(3) <u>Continuing Authorities Programs Projects And Studies:</u></b></p> <p><u>Projects for flood control:</u></p> <p>(A) Lower Santa Cruz River, Arizona  (B) McCormick Wash, Arizona  (C) Rose and Palm Garden Washes, Arizona  (D) The Santa Rosa Canal Alternative Conveyance Project, AZ  (E) So. Maricopa County, near the Ak-Chin Reservation, AZ  (F) Nancy Creek, Georgia  (G) Peachtree Creek, Georgia  (H) Sugar Creek, Georgia  (I) South River Basin, Georgia  (J) Passaic River, New Jersey  (K) Salt River Marsh Coastal Habitat, Lake St. Clair, MI  (L) Blind Brook, Rye, New York  (M) Aibonito Creek and vicinity, Puerto Rico  (N) Canovanas River, Puerto Rico  (O) Municipality of Orocovis, Puerto Rico  (P) Municipality of San Sebastian, Puerto Rico  (Q) Municipality of Villalba, Puerto Rico  (R) Rio Inabon, Ponce, Puerto Rico  (S) Yauco River &amp; Berrenchin Stream Puerto Rico.</p> <p><u>Projects for navigation:</u></p> <p>(A) Sebewaing River, Port Sanilac Harbor, Lexington Harbor, &amp; Harbor Beach Harbor, MI  (B) Portsmouth Back Channels &amp; Sagamore Creek, Portsmouth, New Castle, &amp; Rye, NH  (C) Sturgeon Point Marina, NY  (D) Davis Creek and Mobjack Bay, Mathews County, VA</p> <p><u>Projects for aquatic ecosystem restoration:</u></p> <ul style="list-style-type: none"> <li>• El Corazon, AZ</li> <li>• San Pedro River, Cochise County &amp; vicinity, AZ</li> </ul> <p><u>Project modifications for improvement of the environment:</u></p> <ul style="list-style-type: none"> <li>• Quincy and Braintree, MA</li> </ul> <p><u>Project for the removal of obstructions &amp; clearing channels:</u></p> <ul style="list-style-type: none"> <li>• Passaic River, NJ</li> </ul> <p><u>Project for shoreline erosion protection:</u></p> <ul style="list-style-type: none"> <li>• Buffalo, NY</li> </ul> <p><u>Project for beach erosion and storm damage reduction:</u></p> <ul style="list-style-type: none"> <li>• West Haven, CT</li> </ul>			

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<b>Subtitle D – Water Resources Infrastructure</b>	<u><b>TITLE IV—WATER RESOURCES INFRASTRUCTURE</b></u>	<u><b>TITLE IV—WATER RESOURCES INFRASTRUCTURE</b></u>	
<p><b>Sec. 8401. Project authorizations.</b> This section authorizes <u>25</u> water resources projects that have completed technical review by the Corps and are recommended by the Chief of Engineers. The projects are authorized to be carried out in accordance with the plan, and subject to the conditions, described in the Chief’s Reports.</p> <p>The section also authorizes <u>6</u> modifications to previously authorized projects.</p> <p><b>SEC. 8401. <u>PROJECT AUTHORIZATIONS:</u></b></p> <p><b>(1) <u>NAVIGATION.</u></b>—</p> <ul style="list-style-type: none"> <li>a) Elim Subsistence Harbor Study, Elim, AK</li> <li>b) Port of Long Beach Deep Draft Navigation, Los Angeles County, CA</li> <li>c) Brunswick Harbor Modifications, Glynn County, GA</li> <li>d) New York — New Jersey Harbor Deepening Channel Improvements, NY, NJ</li> <li>e) Tacoma Harbor Navigation Improvement Project, WA</li> </ul> <p><b>(2) <u>FLOOD RISK MANAGEMENT.</u></b>—</p> <ul style="list-style-type: none"> <li>a) Selma Flood Risk Management &amp; Bank Stabilization, AL</li> <li>b) Valley Creek Flood Risk Management, Bessemer &amp; Birmingham, AL</li> <li>c) Lower Cache Creek, Yolo County, Woodland &amp; Vicinity, CA</li> <li>d) Papillion Creek &amp; Tributaries, Lakes, NE</li> <li>e) Portland Metro Levee System, OR</li> <li>f) Rio Guanajibo Flood Risk Management, Mayaguez, Hormigueros, &amp; San German, PR</li> </ul> <p><b>(3) <u>HURRICANE AND STORM DAMAGE RISK REDUCTION.</u></b>—</p> <ul style="list-style-type: none"> <li>a) Fairfield &amp; New Haven Counties Coastal Storm Risk Management, CT</li> <li>b) Florida Keys, Monroe County, Coastal Storm Risk Management, FL</li> <li>c) Miami-Dade County, Main Segment, Coastal Storm Risk Management, FL</li> <li>d) Okaloosa County, Coastal Storm Risk Management, FL</li> </ul>	<b>SEC. 401. PROJECT AUTHORIZATIONS.</b>	<b>SEC. 401. PROJECT AUTHORIZATIONS.</b>	<i>[New project authorizations and modifications.]</i>

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<p>e) Pinellas County, Treasure Island &amp; Long Key Segments, Coastal Storm Risk Management, FL</p> <p>f) South Central Coast, Louisiana Hurricane &amp; Storm Damage Risk Reduction, LA</p> <p>g) Upper Barataria Basin Hurricane &amp; Storm Damage Risk Reduction, LA</p> <p>h) South Shore of Staten Island, Fort Wadsworth to Oakwood Beach, Coastal Storm Risk Management, NY</p> <p>i) San Juan Metropolitan Area Coastal Storm Risk Management, PR</p> <p>j) Charleston Peninsula, Coastal Storm Risk Management, SC</p> <p>k) Folly Beach, Coastal Storm Risk Management, SC</p> <p><b>(4) FLOOD RISK MANAGEMENT AND ECOSYSTEM RESTORATION.—</b></p> <p>a) Coastal Texas Protection &amp; Restoration, TX</p> <p><b>(5) ECOSYSTEM RESTORATION.—</b></p> <p>a) Prado Basin Ecosystem Restoration, San Bernardino, Riverside &amp; Orange Counties, CA</p> <p>b) Three Forks of Beargrass Creek Ecosystem Restoration, Louisville, KY</p> <p><b>(6) MODIFICATIONS AND OTHER PROJECTS.—</b></p> <p>a) Washington, DC &amp; Vicinity Flood Risk Management, DC</p> <p>b) Central &amp; Southern Florida, Indian River Lagoon, FL</p> <p>c) Lake Pontchartrain &amp; Vicinity, LA</p> <p>d) West Bank &amp; Vicinity, LA</p> <p>e) New Soo Lock Construction Project, Sault Ste. Marie, Chippewa County, MI</p> <p>f) Howard A. Hanson Dam, Water Supply &amp; Ecosystem Restoration, WA</p>			
<p><b>Sec. 8402. Special rules.</b> This section modifies two projects, the project for coastal storm risk management, South Shore Staten Island, New York (partial cost share adjustment), and the project for hurricane and storm damage risk reduction, Charleston Peninsula, South Carolina (request for deauthorization of the project, if the non-Federal interest has not entered into a project partnership agreement for the project, or a separable element, by a specified deadline), authorized by this Act.</p>		<p><b>SEC. 307. MODIFICATIONS.</b></p>	<p><i>[Special rules modifying the projects.]</i></p>
<p><b>Sec. 8403. Facility investment.</b> This section authorizes the Secretary to design and construct a facility in Branson, Missouri, using funds available in the revolving fund established by the first section of the Civil Functions Appropriations Act, 1954.</p>			<p><i>[This provision appears to have been airdropped into the final bill. The provision is based on a prospectus submitted to Congress in June, 2022.]</i></p>

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